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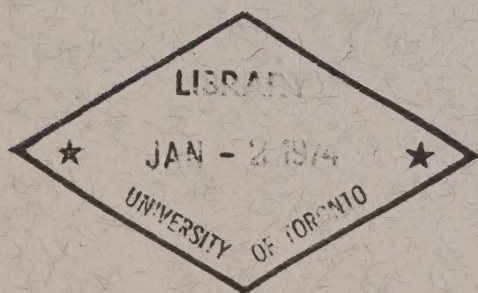
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Government Publications
Pacific Marine Science Report 73-9

OCEANOGRAPHIC DATA REPORT

CAMBRIDGE BAY, N.W.T.
September 1971 to April 1972

Frozen Sea Research Group



ENVIRONMENT CANADA
Fisheries and Marine Service
Marine Sciences Directorate
Pacific Region
1230 Government St.
Victoria, B.C.



MARINE SCIENCES DIRECTORATE, PACIFIC REGION

PACIFIC MARINE SCIENCE REPORT 73-9

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MARINE SCIENCES DIRECTORATE, PACIFIC REGION

ENVIRONMENT CANADA

AUGUST, 1973

INTRODUCTION

Cambridge Bay (69° N., 105° W.) is located on the south shore of Victoria Island, in the Canadian Arctic Archipelago (Figure 1). The bathymetry of Cambridge Bay and its entrance is indicated in Figure 2. The bay trends east-west and is separated into two sections by a sill of minimum depth 48 m. The greatest depth in the eastern part is 86 m. and the greatest depth in the western part is 57 m. The wide entranceway is extremely shallow with two sills located at AA and BB on the figure and have maximum depths 20 m. and 11 m. respectively. Between the two sills water depths are as great as 31 m. Hydrographic charts indicate that no water as deep as that in Cambridge Bay is found within a distance of 10 mi. outside the outer sill.

In Cambridge Bay sea ice is formed annually in open water. The sea ice thickness increases until May with the average maximum thickness measured by the Atmospheric Environment Service being about 2.0 m. Melting commences in June and by the second half of July the bays are usually ice free. Freeze-up commences in late September or the first half of October.

Various aspects of the oceanography of Cambridge Bay were studied by the Frozen Sea Research Group in 1965, 1966, and 1968. The most extensive study, conducted in 1971-1972, resulted in the data contained in this report. Oceanographic measurements were made in the periods September 8-October 29, 1971; November 29-December 5, 1971; February 15-26, 1972, and April 8-15, 1972. The location of all measurements coincided with the deepest part of Cambridge Bay and is indicated on Figure 2.

Data recording

Conductivity (C), temperature (T) and pressure or depth (D) measurements were taken with Guildline Model 8101A CTD units. To monitor the accuracy of the CTD measurements water samples were taken from time to time with oceanographic bottles. These water samples were run through a Hytech Model 6220 bench salinometer calibrated with Standard Sea Water as well as Substandard Sea Water precisely diluted to salinities similar to those found in Cambridge Bay. Thermistors used to check water temperatures were calibrated in a triple point cell. Values obtained from bench salinometer and thermistor were compared to the CTD values obtained coincidentally and temperature and salinity corrections were determined. A detailed discussion of our methods of in situ measurements of conductivity and temperature can be found in Lewis and Sudar, 1972.

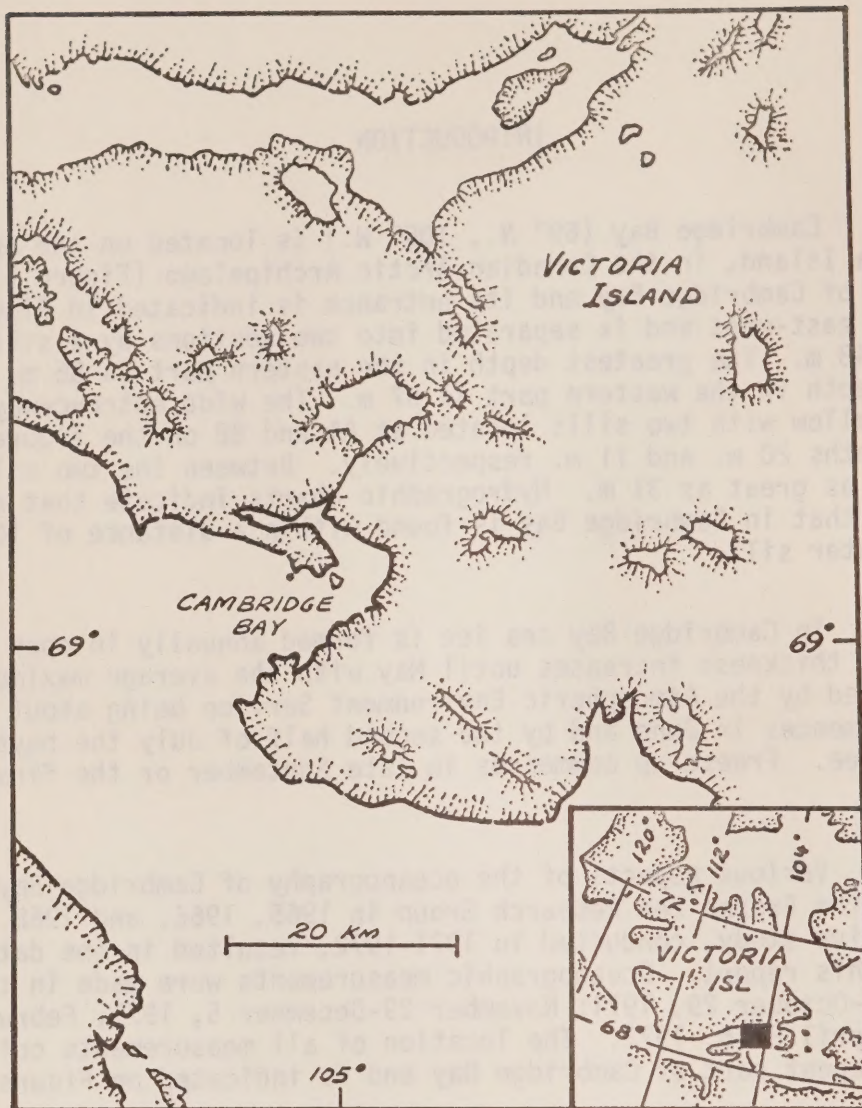


FIGURE 1.

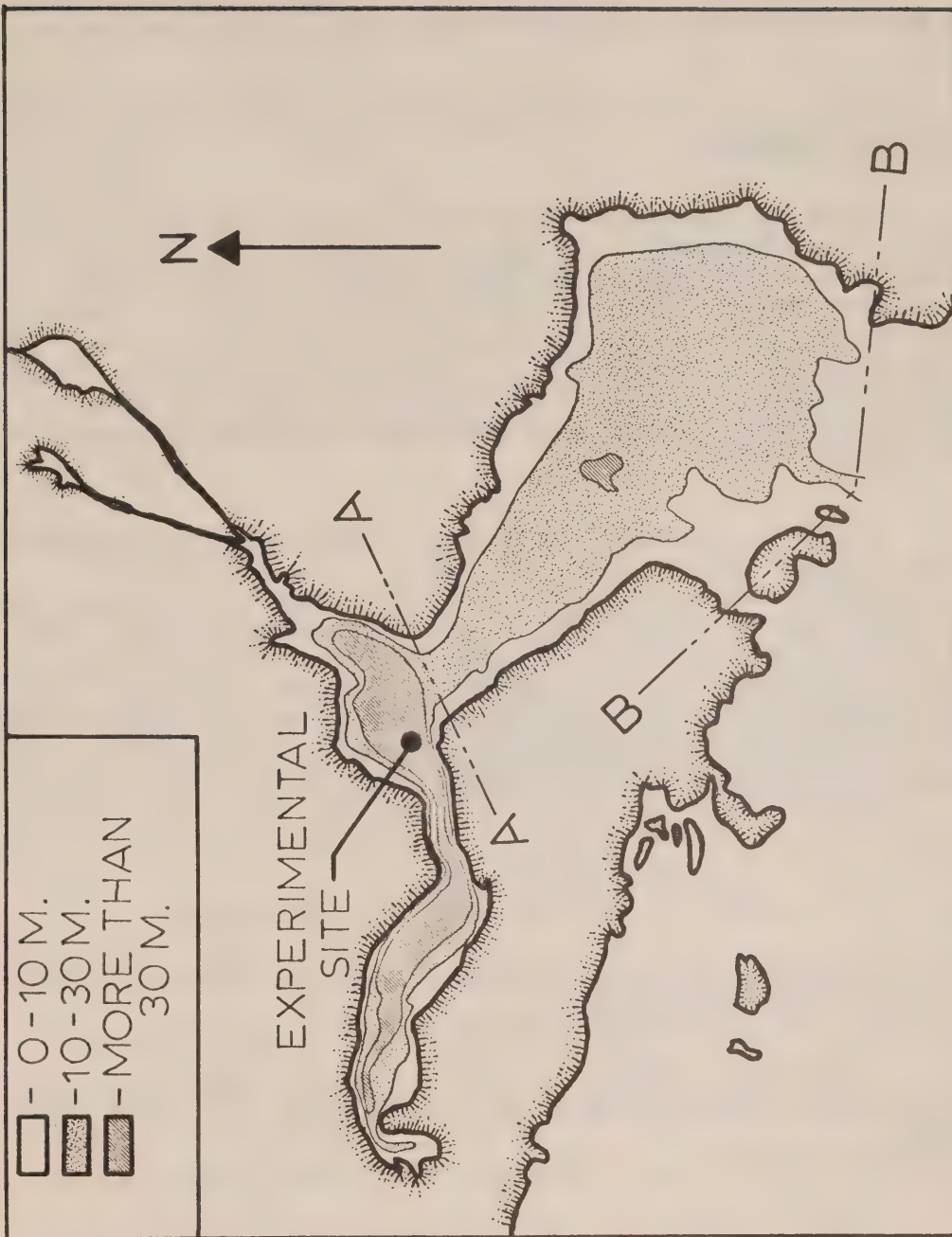


FIGURE 2.

The principal recording system for output of the Guildline instrument was a Vidar 5400 data logger with printed and punched paper tape output.

Data processing - smoothing

Salinity values determined from CTD data indicated statically unstable water structure in regions of sharp vertical gradients. These instabilities could not be considered to reflect the true water structure but were rather an artifact of the measuring system. The main error source was the slow, sequential sampling of the sensor outputs. In addition the conductivity transducer has a time constant slightly slower than that of the thermometer at slow lowering rates, e.g. 0.2 m sec^{-1} . Such slow lowering rates occurred when parameters were read from the CTD unit at vertical intervals of 0.25 m.

To produce physically acceptable values the data were subjected to an interpolation and smoothing routine. The criteria for physically acceptable values was that no unstable water should occur. The conductivity data was first subjected to an interpolation routine. The rationale for this procedure was to use temperature and corresponding conductivity values that most closely represented the same water mass. The conductivity value (C) used with each temperature value was a value interpolated from conductivity readings (C1) just preceding and just following (C2) the temperature reading. Specifically:

$$C = C1 + (C2 - C1) \times 0.3$$

The factor 0.3 was chosen by trial to produce salinity values which reflected the least density instability.

Temperature profiles and the interpolated conductivity profiles were smoothed in depth (z) by using running means with three equally weighted terms:

$$T_z' = \frac{T_{z-1} + T_z + T_{z+1}}{3}$$

$$C'_z = \frac{C_{z-1} + C_z + C_{z+1}}{3}$$

Salinity was calculated using these smoothed conductivity and temperature values. Finally salinity was smoothed using the same type of running mean.

$$S'_z = \frac{S_{z-1} + S_z + S_{z+1}}{3}$$

These values of S , T , and P plotted and printed below, were used in calculation of specific volume anomaly and sound velocity as described below.

Data processing - equations

(a) Salinity

The Perkin-Walker equation (Perkin and Walker, 1972) was used to calculate salinity (S) from values of conductivity (C), temperature (T) and pressure (P). The equation is a numerical fit to the experimental data of Brown and Allentoft with a linear pressure correction. The temperature values used are with respect to the International Practical Temperature Scale of 1968 (Comité International des poids et Mesures, 1969).

Where units are C(mmho/cm), T(°C.), P(db), S(‰) the equations used were:

$$C(S, T, 0) = C(S, T, P) \left[1 + P \left\{ 49436 + 1567T + 21.33T^2 + 554.43C(S, T, P) \right\}^{-1} \right]^{-1}$$

$$R_T = C(S, T, 0) \left[29.03916(1 + .0297175T + .00015551T^2 - .000000789T^3) \right]^{-1}$$

$$R_0 = R_T - 10^{-5} \left[6.0 + 380 \sin \pi \left(\frac{R_T + .04}{1.03} \right) + 15 \sin 3\pi \left(\frac{R_T + .04}{1.03} \right) \right] \left\{ \begin{array}{l} .0177T - .000454T^2 \\ - .000018T^3 \end{array} \right\}$$

$$S = -.5933 + 32.4822 R_0 + 3.1106 R_0^2 + .004 \sin 2\pi \left(\frac{R_0 - .64}{.57} \right)$$

$$\text{FOR } 0.4 \leq R_0 \leq 1.2$$

$$S = -.2166 + 30.686 R_0 + 5.247 R_0^2$$

$$\text{FOR } 0.14 \leq R_0 \leq 0.4$$

A correction must be added to salinities calculated from the above equations where temperatures fall below +1.0° C. The correction, based on Dauphinee's work, is

$$\Delta S = \delta \left[(-3.6 + 5.0T - 2.45T^2) 10^{-3} \right]$$

$$\text{WHERE } \delta = 1 \text{ FOR } -2^\circ \leq T < 1^\circ \text{C}, \delta = 0 \text{ FOR } T \geq 1^\circ \text{C}$$

(b) Sigma τ

The sigma τ equation was taken from the work of Cox, McCartney and Culkin (1970).

$$\sigma_t = \sum_i \sum_j A_{ij} T^i S^j$$

i	j	A_{ij}
0	0	$8.00969062 \times 10^{-2}$
0	1	$7.97018644 \times 10^{-1}$
0	2	$1.31710842 \times 10^{-4}$
0	3	$-6.11831499 \times 10^{-8}$
1	0	$5.88194023 \times 10^{-2}$
1	1	$-3.25310441 \times 10^{-3}$
1	2	$2.87971530 \times 10^{-6}$
2	0	$-8.11465413 \times 10^{-3}$
2	1	$3.89187483 \times 10^{-5}$
3	0	$4.76600414 \times 10^{-5}$

(c) Sound velocity

Sound speed (V) was calculated using Wilson's (1960) equation where salinity (S) is in ‰, pressure (P) in db and V in msec⁻¹.

$$V = \sum_{ijk} V_{ijk} Q^i (S-35)^j T^k$$

where $Q = 1.00323 + 0.1019716 P$

and where

$$V_{000} = +1449.14$$

$$V_{110} = +7.7016 \times 10^{-5}$$

$$V_{001} = +4.5721$$

$$V_{111} = +3.1580 \times 10^{-8}$$

$$V_{002} = -4.4532 \times 10^{-2}$$

$$V_{112} = +1.5790 \times 10^{-9}$$

$$V_{003} = -2.6045 \times 10^{-4}$$

$$V_{004} = +7.9851 \times 10^{-6}$$

$$V_{200} = +1.0268 \times 10^{-5}$$

$$V_{201} = -2.5294 \times 10^{-7}$$

$$V_{010} = +1.39799$$

$$V_{202} = +1.8563 \times 10^{-9}$$

$$V_{011} = -1.1244 \times 10^{-2}$$

$$V_{012} = +7.7711 \times 10^{-7}$$

$$V_{210} = -1.2943 \times 10^{-7}$$

$$V_{020} = +1.69202 \times 10^{-3}$$

$$V_{300} = +3.5216 \times 10^{-9}$$

$$V_{301} = -1.9646 \times 10^{-10}$$

$$V_{100} = +1.60272 \times 10^{-1}$$

$$V_{101} = -1.8607 \times 10^{-4}$$

$$V_{400} = -3.3603 \times 10^{-12}$$

$$V_{102} = +7.4812 \times 10^{-6}$$

$$V_{103} = +4.5283 \times 10^{-8}$$

Data format

Cruise: Cruise number assigned by C.O.D.C.

Title: Location description

Experiment No.: Experiment Number. Each CTD drop was assigned a unique experiment number. Listing is chronological, not by experiment number.

September-October

403-415, 418, 420-424, 426-438, 441-442, 444-454.

December

363-364, 368, 370, 375-398, 507, 509, 514-515, 527-528, 530-531.

February

552-553, 555, 581-589.

April

626-627, 632, 634, 636-640, 642, 644, 646-655, 683-684.

Lat.: Latitude of experimental site

Long.: Longitude of experimental site

Water depth In meters

Depth Incr.: Vertical increment in meters between sequential readings.

Date: DDMMYY

Local Time: HHMM

Depth: Corresponds to depth of the CTD transducers below water level as indicated by wire length. This is equivalent to depth as currents were negligible. The first depth is noted and the remaining depths are calculated.

<u>Press:</u>	Pressure in decibars as read by the CTD pressure transducer.
<u>Press 1:</u>	Pressure in decibars. Pressure transducer was malfunctioning so that values of depth were substituted for pressure values.
<u>Sal.:</u>	Salinity in parts per thousand (‰). The letter following the numerical value indicates the accuracy assigned to the value as discussed below.
<u>Temp.:</u>	Temperature in degrees Centigrade (°C.). The letter following the numerical value indicates the accuracy assigned to the value as discussed below.
<u>Sigmat:</u>	Specific gravity anomaly
<u>Sound:</u>	Speed of propagation of sound in water in msec ⁻¹ .

Accuracy

The error estimate letter coding after temperature and salinity values is adapted from that used by C.O.D.C. Larger inaccuracies reflect the smoothing process discussed above and occur in regions of vertical gradients. Accuracies indicated in vertically homogeneous water should correspond to the best accuracy possible with the CTD system used. In this vertically homogeneous water accuracy is determined by comparison of CTD data and bottle and thermistor measurements as outlined above. In areas of vertical gradients the accuracy values assigned are subjective.

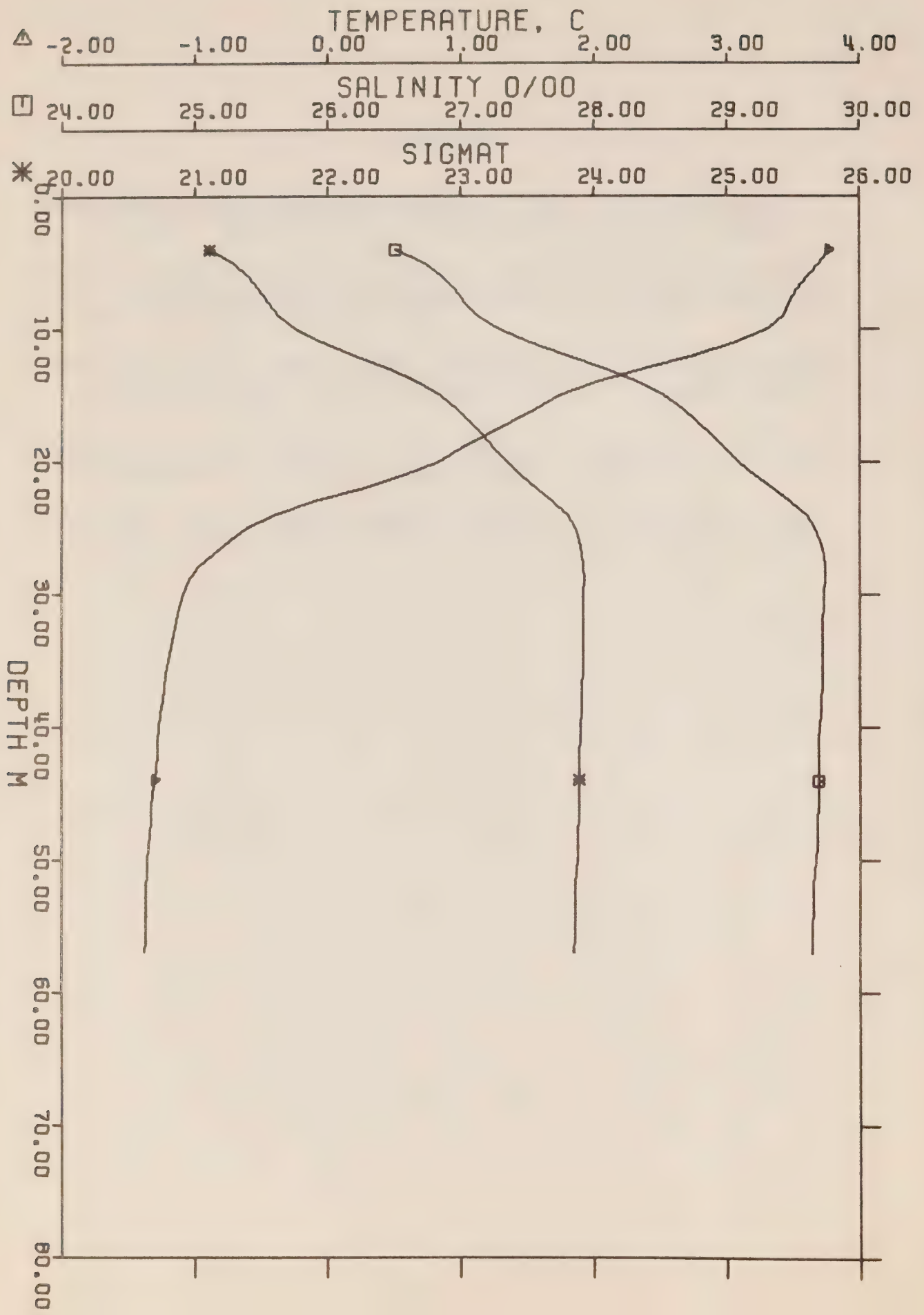
The numerical value indicated in the table below corresponds to the last (in this case the third) decimal place. Thus salinity accuracies of ± 0.005 and ± 0.05 appear as C and F respectively.

<u>Possible Error</u>	<u>Code Letter</u>
± 0.005	C
± 0.010	D
± 0.020	E
± 0.050	F
± 0.10	G
± 0.20	H
Undetermined	U

REFERENCES

- Comité International des Poids et Mesures. 1969. The International Practical Temperature Scale of 1968, *Metrologia*, 5(2): 35-44.
- Cox, R.A., M.J. McCartney and F. Culkin. 1970. The specific gravity/salinity/temperature relationship in natural sea water. *Deep-Sea Res.*, 17(14): p. 679.
- Lewis, E.L. and R.B. Sudar. 1972. Measurement of conductivity and temperature in the sea for salinity determination. *J. Geophys. Res.*, 77(33): p. 6611.
- Perkin, R.G. and E.R. Walker. 1972. Salinity calculations from in situ measurements. *J. Geophys. Res.*, 77(33): p. 6618.
- Wilson, W.D. 1960. Speed of sound in sea water as a function of temperature, pressure and salinity. *J. Acoustical Soc. Amer.*, 32(6): p. 5.

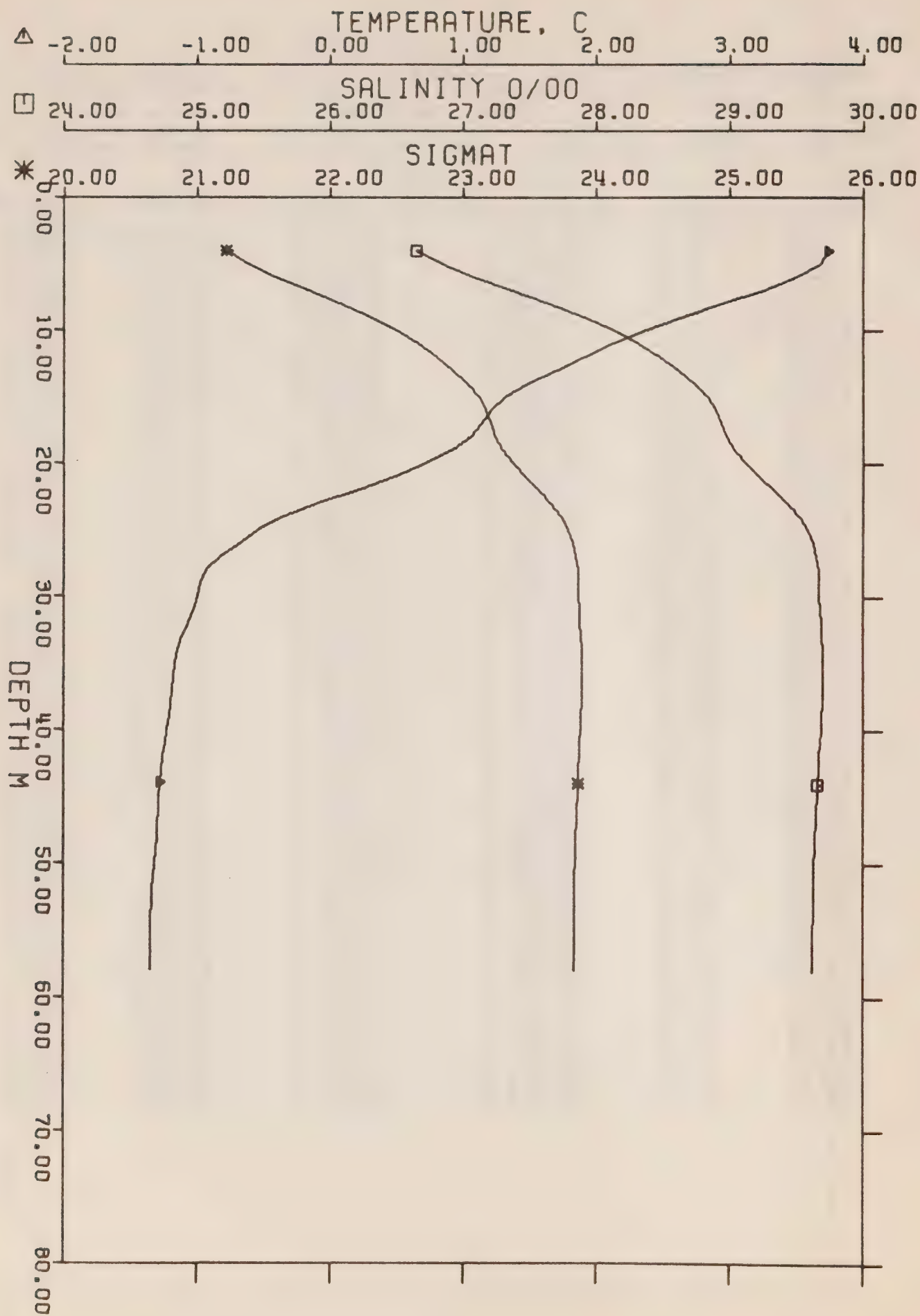
EXPERIMENT 403



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 403
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 090971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.22	26.515 F	3.771 F	21.111	1454.6
5.00	5.28	26.730 F	3.697 F	21.287	1454.6
6.00	6.26	26.865 F	3.614 F	21.400	1454.4
7.00	7.28	26.960 F	3.534 F	21.481	1454.2
8.00	8.50	27.034 F	3.468 F	21.545	1454.0
9.00	9.39	27.134 F	3.429 F	21.627	1454.0
10.00	10.29	27.291 F	3.308 F	21.761	1453.7
11.00	11.40	27.519 F	3.075 D	21.959	1453.0
12.00	12.09	27.801 F	2.765 D	22.204	1452.0
13.00	13.49	28.088 E	2.377 D	22.458	1450.7
14.00	14.44	28.345 E	2.025 D	22.685	1449.5
15.00	15.35	28.530 F	1.736 F	22.849	1448.5
16.00	16.33	28.669 F	1.575 F	22.969	1448.0
17.00	17.33	28.779 F	1.378 F	23.067	1447.3
18.00	18.40	28.893 F	1.190 F	23.168	1446.6
19.00	19.41	28.990 F	1.001 F	23.255	1445.9
20.00	20.47	29.094 F	0.842 F	23.345	1445.3
21.00	21.52	29.206 F	0.579 F	23.447	1444.3
22.00	22.55	29.349 F	0.276 F	23.574	1443.1
23.00	23.52	29.481 F	-0.101 F	23.693	1441.6
24.00	24.53	29.597 F	-0.385 F	23.796	1440.4
25.00	25.50	29.665 F	-0.612 F	23.857	1439.5
26.00	26.65	29.705 F	-0.737 F	23.892	1438.9
27.00	27.44	29.726 F	-0.858 F	23.912	1438.4
28.00	28.48	29.736 F	-0.980 F	23.923	1437.9
29.00	29.49	29.739 F	-1.051 C	23.927	1437.6
30.00	30.51	29.733 F	-1.094 C	23.923	1437.4
31.00	31.49	29.728 E	-1.118 C	23.919	1437.3
32.00	32.49	29.725 E	-1.138 C	23.917	1437.2
33.00	33.60	29.725 E	-1.158 C	23.918	1437.1
34.00	34.64	29.725 E	-1.182 C	23.918	1437.0
35.00	35.39	29.725 E	-1.203 C	23.919	1436.9
36.00	36.28	29.721 E	-1.219 C	23.916	1436.8
37.00	37.86	29.717 E	-1.230 C	23.913	1436.8
38.00	38.73	29.713 E	-1.244 C	23.910	1436.8
39.00	39.63	29.709 E	-1.260 C	23.907	1436.7
40.00	40.67	29.702 E	-1.271 C	23.901	1436.6
41.00	41.69	29.695 E	-1.279 C	23.896	1436.6
42.00	42.63	29.690 E	-1.284 C	23.892	1436.6
43.00	43.74	29.689 E	-1.291 C	23.891	1436.6
44.00	44.68	29.690 E	-1.304 C	23.892	1436.5
45.00	45.45	29.691 E	-1.316 C	23.893	1436.5
46.00	46.70	29.689 E	-1.327 C	23.892	1436.5
47.00	47.19	29.685 E	-1.333 C	23.889	1436.4
48.00	48.15	29.680 E	-1.342 C	23.885	1436.4
49.00	49.68	29.676 E	-1.351 C	23.882	1436.4
50.00	50.25	29.671 E	-1.358 C	23.878	1436.3
51.00	51.33	29.664 E	-1.363 C	23.872	1436.3
52.00	52.72	29.655 E	-1.366 C	23.865	1436.3
53.00	53.78	29.650 E	-1.368 C	23.861	1436.3
54.00	54.79	29.648 E	-1.371 C	23.859	1436.3
55.00	55.79	29.645 E	-1.372 C	23.857	1436.3
56.00	56.88	29.643 E	-1.374 C	23.855	1436.3
57.00	57.88	29.642 E	-1.378 C	23.854	1436.3

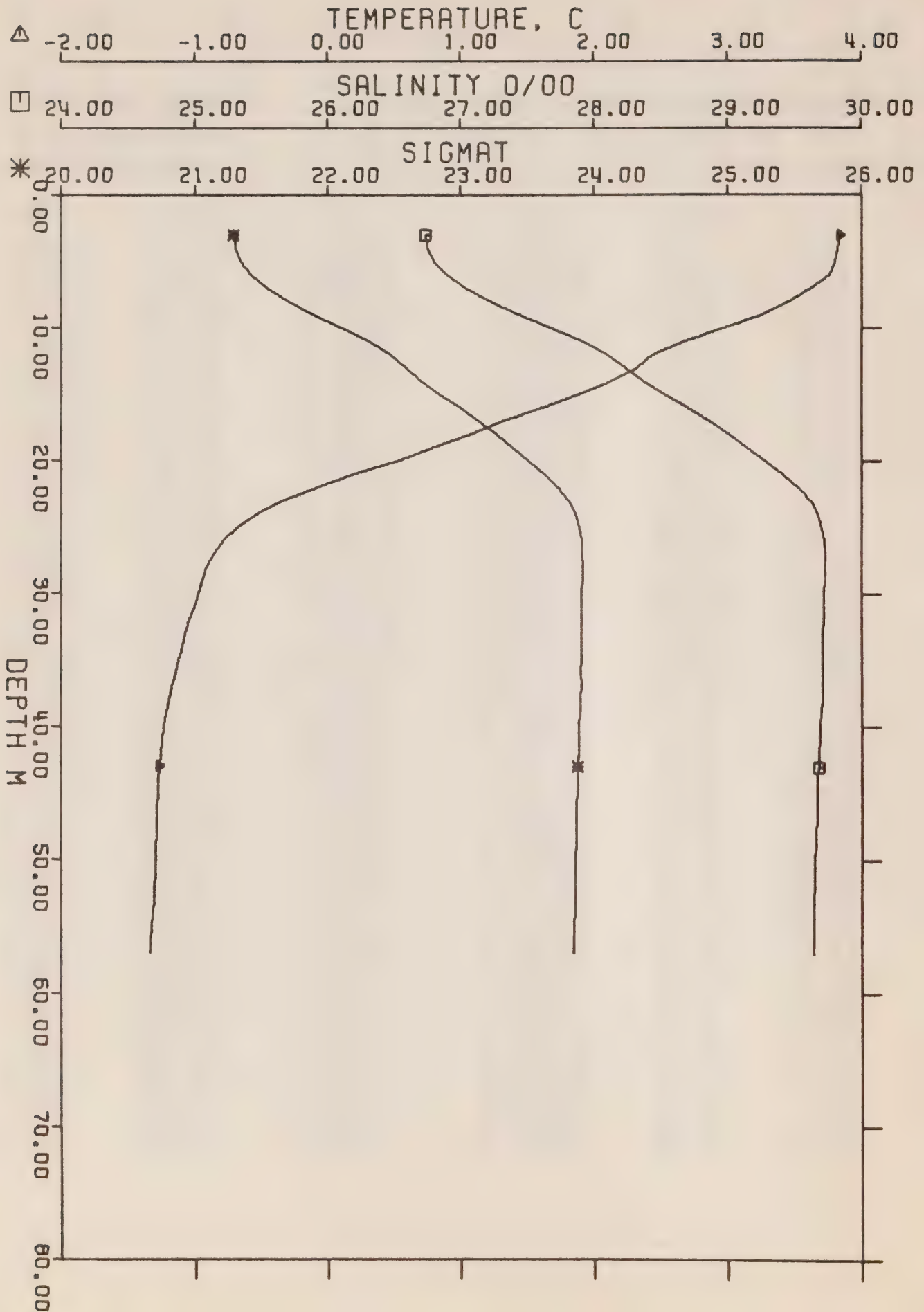
EXPERIMENT 404



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 404
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 110971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.20	26.646 F	3.739 F	21.217	1454.6
5.00	5.25	26.837 F	3.682 F	21.373	1454.6
6.00	6.24	27.080 F	3.498 F	21.579	1454.2
7.00	7.23	27.368 F	3.257 F	21.826	1453.5
8.00	8.30	27.651 F	2.949 D	22.073	1452.6
9.00	9.29	27.911 F	2.662 D	22.299	1451.7
10.00	10.35	28.136 F	2.384 D	22.496	1450.8
11.00	11.33	28.324 F	2.128 D	22.662	1449.9
12.00	12.27	28.482 F	1.923 D	22.800	1449.2
13.00	13.31	28.620 F	1.712 D	22.922	1448.5
14.00	14.35	28.743 F	1.486 D	23.033	1447.7
15.00	15.36	28.840 F	1.317 D	23.119	1447.0
16.00	16.32	28.899 F	1.209 F	23.172	1446.6
17.00	17.40	28.937 F	1.143 F	23.206	1446.4
18.00	18.40	28.976 F	1.057 D	23.241	1446.1
19.00	19.39	29.039 F	0.921 D	23.298	1445.6
20.00	20.46	29.125 F	0.720 D	23.376	1444.8
21.00	21.38	29.228 F	0.492 D	23.468	1443.9
22.00	22.49	29.338 F	0.225 D	23.567	1442.8
23.00	23.41	29.442 F	-0.087 D	23.661	1441.6
24.00	24.44	29.530 F	-0.348 D	23.741	1440.5
25.00	25.49	29.586 F	-0.546 F	23.791	1439.7
26.00	26.49	29.625 F	-0.683 F	23.826	1439.1
27.00	27.46	29.652 F	-0.832 F	23.852	1438.4
28.00	28.57	29.669 F	-0.944 F	23.868	1437.9
29.00	29.58	29.672 F	-0.979 F	23.871	1437.8
30.00	30.60	29.671 F	-1.002 F	23.871	1437.7
31.00	31.50	29.676 E	-1.035 C	23.876	1437.6
32.00	32.54	29.686 E	-1.075 C	23.885	1437.4
33.00	33.63	29.695 E	-1.116 C	23.893	1437.3
34.00	34.65	29.701 E	-1.150 C	23.898	1437.1
35.00	35.61	29.702 E	-1.169 C	23.899	1437.0
36.00	36.68	29.702 E	-1.179 C	23.900	1437.0
37.00	37.66	29.701 E	-1.188 C	23.899	1437.0
38.00	38.60	29.698 E	-1.201 C	23.897	1436.9
39.00	39.60	29.693 E	-1.214 C	23.893	1436.9
40.00	40.68	29.686 E	-1.228 C	23.888	1436.8
41.00	41.64	29.679 E	-1.242 C	23.882	1436.8
42.00	42.70	29.673 E	-1.258 C	23.878	1436.7
43.00	43.68	29.669 E	-1.271 C	23.875	1436.6
44.00	44.76	29.665 E	-1.280 C	23.871	1436.6
45.00	45.79	29.661 E	-1.287 C	23.868	1436.6
46.00	46.70	29.655 E	-1.292 C	23.864	1436.6
47.00	47.78	29.648 E	-1.299 C	23.858	1436.6
48.00	48.73	29.643 E	-1.305 C	23.854	1436.5
49.00	49.83	29.639 E	-1.313 C	23.851	1436.5
50.00	50.77	29.634 E	-1.322 C	23.847	1436.5
51.00	51.82	29.631 E	-1.330 C	23.845	1436.4
52.00	52.88	29.628 E	-1.337 C	23.842	1436.4
53.00	53.79	29.627 E	-1.343 C	23.842	1436.4
54.00	54.76	29.626 E	-1.348 C	23.841	1436.4
55.00	55.91	29.624 E	-1.352 C	23.839	1436.4
56.00	56.88	29.621 E	-1.354 C	23.837	1436.4
57.00	57.86	29.620 E	-1.354 C	23.836	1436.4
58.00	58.91	29.620 E	-1.355 C	23.836	1436.4

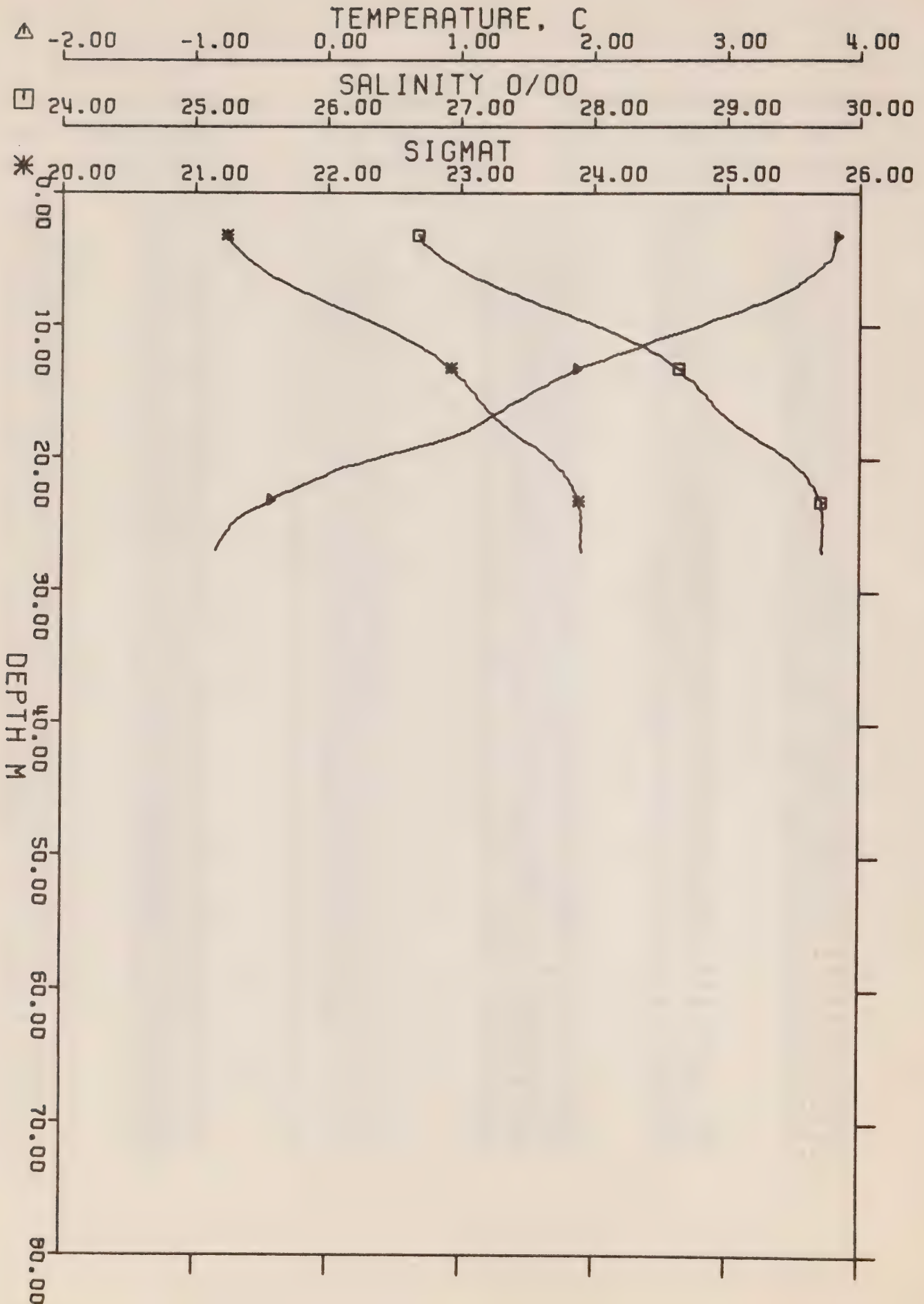
EXPERIMENT 405



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 405
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 120971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.04	26.745 G	3.836 F	21.288	1455.1
4.00	3.99	26.753 G	3.824 F	21.295	1455.1
5.00	5.05	26.804 G	3.802 F	21.337	1455.1
6.00	6.00	26.899 G	3.759 F	21.416	1455.1
7.00	7.04	27.037 G	3.617 F	21.536	1454.7
8.00	8.10	27.223 G	3.457 F	21.696	1454.2
9.00	9.08	27.441 G	3.258 F	21.884	1453.7
10.00	10.05	27.684 G	2.975 F	22.097	1452.8
11.00	11.15	27.924 G	2.680 F	22.308	1451.8
12.00	12.13	28.105 F	2.437 F	22.468	1451.0
13.00	13.12	28.243 F	2.316 F	22.586	1450.7
14.00	14.16	28.374 F	2.133 F	22.701	1450.0
15.00	15.17	28.532 F	1.875 F	22.843	1449.1
16.00	16.16	28.704 E	1.609 D	22.995	1448.2
17.00	17.13	28.858 E	1.320 D	23.133	1447.1
18.00	18.17	29.008 E	1.081 D	23.265	1446.2
19.00	19.17	29.142 E	0.799 D	23.386	1445.2
20.00	20.13	29.285 E	0.543 D	23.512	1444.2
21.00	21.21	29.414 E	0.212 D	23.628	1442.9
22.00	22.12	29.533 F	-0.069 D	23.734	1441.7
23.00	23.24	29.616 F	-0.332 D	23.809	1440.7
24.00	24.24	29.672 F	-0.527 D	23.860	1439.8
25.00	25.21	29.703 F	-0.677 D	23.889	1439.2
26.00	26.27	29.720 F	-0.785 D	23.906	1438.7
27.00	27.26	29.729 E	-0.861 D	23.915	1438.4
28.00	28.23	29.729 E	-0.919 D	23.916	1438.1
29.00	29.31	29.727 E	-0.946 D	23.915	1438.0
30.00	30.33	29.722 E	-0.980 D	23.912	1437.9
31.00	31.26	29.719 E	-1.013 C	23.910	1437.7
32.00	32.33	29.716 E	-1.052 C	23.908	1437.6
33.00	33.34	29.714 E	-1.078 C	23.907	1437.5
34.00	34.31	29.711 E	-1.105 C	23.905	1437.3
35.00	35.32	29.710 E	-1.128 C	23.905	1437.2
36.00	36.40	29.709 E	-1.154 C	23.905	1437.1
37.00	37.35	29.709 E	-1.181 C	23.905	1437.0
38.00	38.39	29.706 E	-1.205 C	23.903	1436.9
39.00	39.35	29.701 E	-1.224 C	23.900	1436.8
40.00	40.37	29.695 E	-1.236 C	23.895	1436.8
41.00	41.42	29.689 E	-1.247 C	23.890	1436.8
42.00	42.41	29.684 E	-1.259 C	23.886	1436.7
43.00	43.48	29.678 E	-1.269 C	23.882	1436.7
44.00	44.51	29.674 E	-1.276 C	23.879	1436.6
45.00	45.42	29.670 E	-1.280 C	23.875	1436.6
46.00	46.48	29.668 E	-1.286 C	23.874	1436.6
47.00	47.46	29.667 E	-1.291 C	23.873	1436.6
48.00	48.48	29.665 E	-1.295 C	23.872	1436.6
49.00	49.47	29.661 E	-1.298 C	23.869	1436.6
50.00	50.50	29.655 E	-1.301 C	23.864	1436.6
51.00	51.52	29.650 E	-1.304 C	23.860	1436.6
52.00	52.52	29.646 E	-1.307 C	23.857	1436.6
53.00	53.56	29.644 E	-1.314 C	23.855	1436.6
54.00	54.57	29.644 E	-1.324 C	23.855	1436.5
55.00	55.59	29.643 E	-1.334 C	23.855	1436.5
56.00	56.58	29.641 E	-1.340 C	23.853	1436.5
57.00	57.66	29.640 E	-1.343 C	23.852	1436.5

EXPERIMENT 406

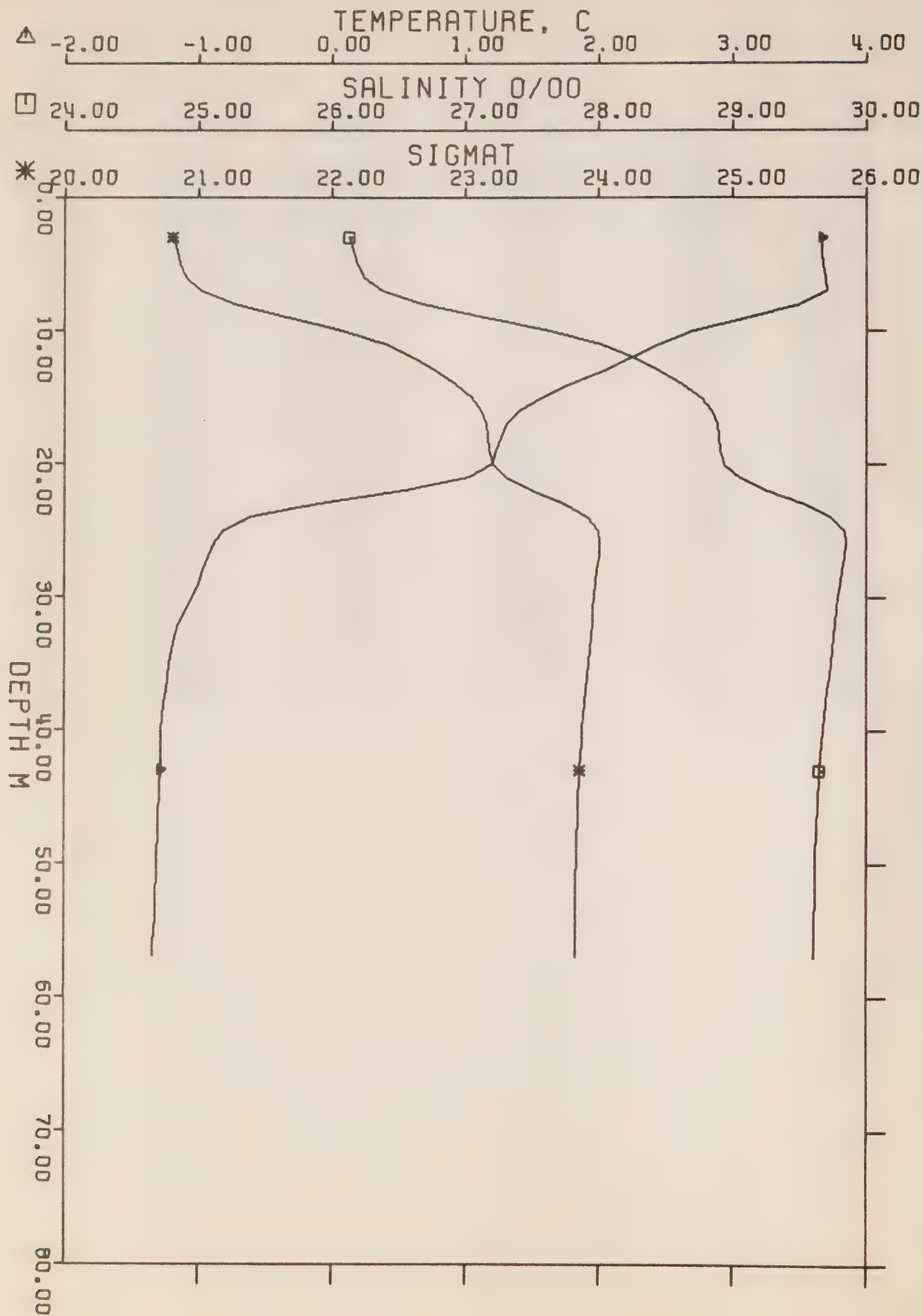


CRUISE 01-71-015 CRI CAMBRIDGE BAY EXPER. NO. 406
 LAT. N69 06.6 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 120971 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.25	3.48	26.673 F	3.830 F	21.235	1455.0
3.50	3.84	26.693 F	3.826 F	21.251	1455.1
3.75	4.01	26.715 F	3.822 F	21.265	1455.1
4.00	4.26	26.739 F	3.810 F	21.285	1455.0
4.25	4.51	26.772 F	3.806 F	21.312	1455.1
4.50	4.83	26.804 F	3.801 F	21.337	1455.1
4.75	5.04	26.829 F	3.796 F	21.357	1455.1
5.00	5.29	26.853 F	3.781 F	21.386	1455.1
5.25	5.59	26.898 F	3.745 F	21.416	1455.0
5.50	5.79	26.945 F	3.724 F	21.456	1455.0
5.75	6.05	26.935 F	3.686 F	21.490	1454.9
6.00	6.33	27.032 F	3.659 F	21.529	1454.8
6.25	6.51	27.075 F	3.615 F	21.567	1454.7
6.50	6.82	27.133 F	3.590 F	21.614	1454.7
6.75	7.13	27.192 F	3.549 F	21.664	1454.6
7.00	7.28	27.245 F	3.527 F	21.708	1454.5
7.25	7.59	27.294 F	3.480 F	21.751	1454.4
7.50	7.86	27.356 F	3.427 F	21.804	1454.3
7.75	8.11	27.434 F	3.383 F	21.869	1454.2
8.00	8.34	27.491 F	3.333 F	21.918	1454.0
8.25	8.55	27.547 F	3.276 F	21.967	1453.9
8.50	8.85	27.612 F	3.182 F	22.025	1453.6
8.75	9.04	27.699 F	3.130 F	22.098	1453.5
9.00	9.28	27.760 F	3.070 F	22.151	1453.3
9.25	9.59	27.825 F	3.014 F	22.206	1453.1
9.50	9.85	27.895 F	2.915 F	22.261	1452.8
9.75	10.07	27.957 F	2.864 F	22.322	1452.7
10.00	10.34	28.011 F	2.799 F	22.369	1452.4
10.25	10.60	28.080 F	2.738 F	22.428	1452.3
10.50	10.88	28.137 F	2.647 F	22.480	1452.0
10.75	11.13	28.191 F	2.583 F	22.527	1451.7
11.00	11.32	28.243 F	2.484 F	22.575	1451.4
11.25	11.56	28.315 F	2.415 F	22.637	1451.2
11.50	11.90	28.366 F	2.362 F	22.681	1451.0
11.75	12.10	28.398 F	2.319 F	22.709	1450.9
12.00	12.30	28.441 F	2.229 F	22.749	1450.5
12.25	12.62	28.497 F	2.151 F	22.798	1450.3
12.50	12.82	28.535 F	2.096 F	22.832	1450.1
12.75	13.12	28.559 F	2.035 F	22.855	1449.8
13.00	13.37	28.601 F	1.940 F	22.874	1449.5
13.25	13.56	28.643 F	1.869 F	22.932	1449.2
13.50	13.83	28.668 F	1.831 F	22.954	1449.1
13.75	14.09	28.685 F	1.775 F	22.971	1448.9
14.00	14.37	28.721 F	1.719 F	23.003	1448.7
14.25	14.64	28.753 F	1.682 F	23.030	1448.6
14.50	14.89	28.766 F	1.648 F	23.043	1448.4
14.75	15.16	28.784 F	1.592 F	23.060	1448.2
15.00	15.44	28.816 F	1.539 F	23.088	1448.0
15.25	15.69	28.844 F	1.510 F	23.112	1447.9
15.50	15.85	28.857 F	1.473 F	23.125	1447.8
15.75	16.15	28.878 F	1.420 F	23.144	1447.6
16.00	16.39	28.904 F	1.362 F	23.168	1447.3
16.25	16.65	28.932 F	1.330 F	23.192	1447.2
16.50	16.92	28.951 F	1.293 F	23.209	1447.1
16.75	17.17	28.982 F	1.251 F	23.236	1447.0
17.00	17.42	29.015 F	1.213 F	23.265	1446.8
17.25	17.63	29.044 F	1.177 F	23.290	1446.7
17.50	17.92	29.074 F	1.133 F	23.316	1446.6
17.75	18.14	29.112 F	1.094 F	23.348	1446.4
18.00	18.43	29.155 F	1.048 F	23.385	1446.3
18.25	18.67	29.188 F	0.991 F	23.414	1446.1
18.50	18.95	29.227 F	0.915 F	23.449	1445.8
18.75	19.15	29.270 F	0.825 F	23.487	1445.5

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
19.00	19.38	29.325 F	0.745 F	23.535	1445.2
19.25	19.63	29.350 F	0.670 F	23.566	1444.9
19.50	19.88	29.395 F	0.585 F	23.598	1444.5
19.75	20.15	29.424 F	0.484 F	23.626	1444.1
20.00	20.43	29.468 F	0.395 F	23.665	1443.8
20.25	20.68	29.495 F	0.314 F	23.690	1443.4
20.50	20.98	29.522 F	0.232 F	23.714	1443.1
20.75	21.22	29.542 F	0.131 F	23.734	1442.7
21.00	21.40	29.580 F	0.053 F	23.768	1442.4
21.25	21.71	29.599 F	-0.003 F	23.785	1442.1
21.50	21.90	29.612 F	-0.041 F	23.797	1442.0
21.75	22.15	29.620 F	-0.097 F	23.805	1441.7
22.00	22.43	29.649 F	-0.159 F	23.830	1441.5
22.25	22.70	29.653 F	-0.214 F	23.844	1441.3
22.50	22.90	29.669 F	-0.259 F	23.850	1441.1
22.75	23.25	29.677 F	-0.328 F	23.858	1440.8
23.00	23.45	29.703 F	-0.388 F	23.881	1440.5
23.25	23.74	29.709 F	-0.431 F	23.887	1440.3
23.50	23.93	29.709 F	-0.464 F	23.888	1440.2
23.75	24.23	29.710 F	-0.522 F	23.891	1439.9
24.00	24.53	29.724 F	-0.574 F	23.903	1439.7
24.25	24.74	29.724 F	-0.613 F	23.904	1439.5
24.50	24.99	29.724 F	-0.645 F	23.905	1439.4
24.75	25.24	29.722 F	-0.684 F	23.905	1439.2
25.00	25.47	29.726 F	-0.708 F	23.909	1439.1
25.25	25.70	29.723 F	-0.730 F	23.907	1439.0
25.50	25.97	29.724 F	-0.744 F	23.908	1438.9
25.75	26.23	29.719 F	-0.764 F	23.904	1438.8
26.00	26.47	29.719 F	-0.781 F	23.905	1438.8
26.25	26.71	29.721 F	-0.796 F	23.907	1438.7
26.50	26.98	29.717 F	-0.807 F	23.904	1438.6
26.75	27.24	29.714 F	-0.820 F	23.902	1438.6
27.00	27.44	29.723 F	-0.837 F	23.909	1438.5

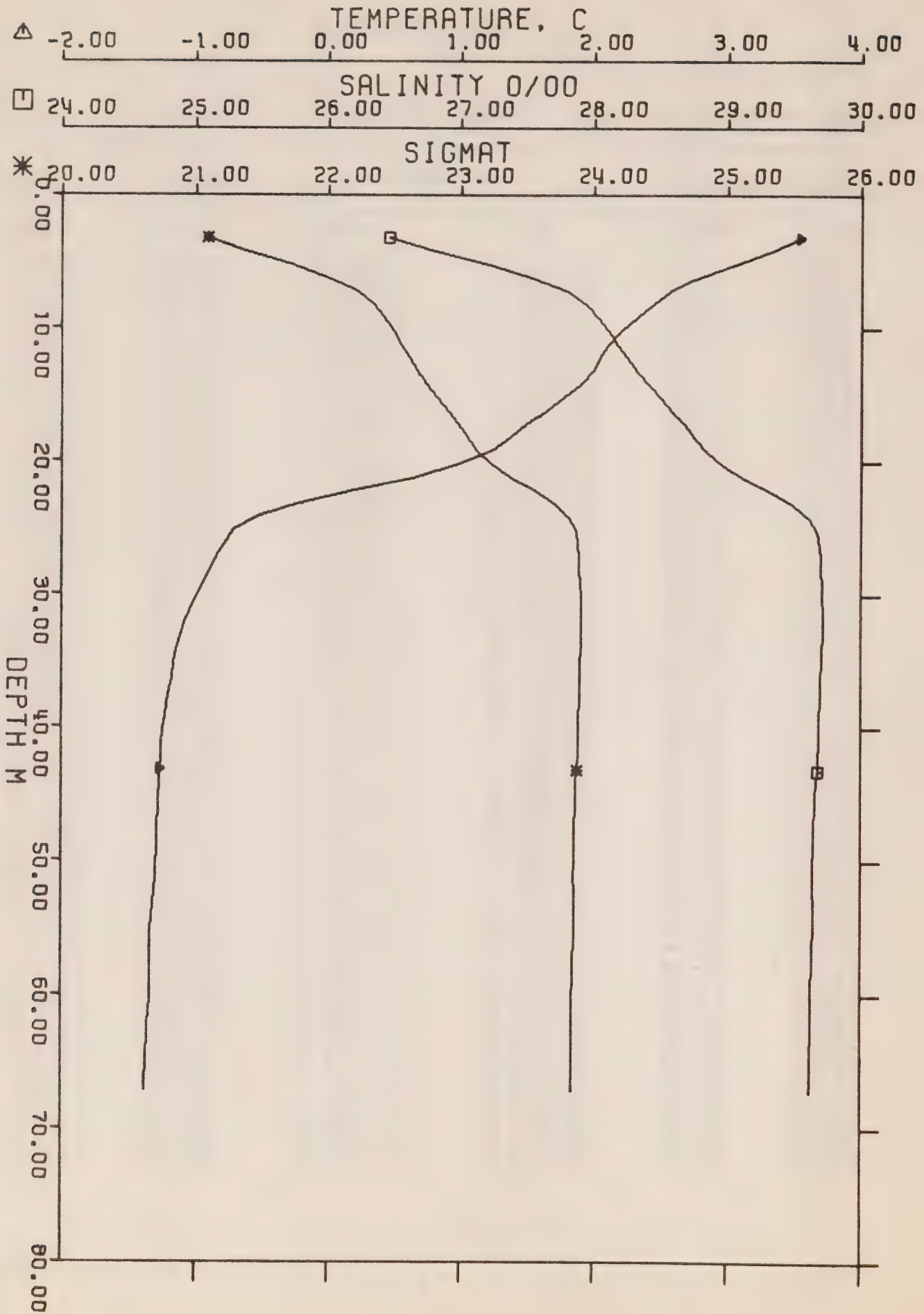
EXPERIMENT 407



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 407
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 140971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.29	26.132 F	3.671 C	20.814	1453.6
4.00	4.32	26.159 F	3.674 C	20.836	1453.7
5.00	5.32	26.193 F	3.683 C	20.862	1453.8
6.00	6.36	26.239 F	3.696 C	20.897	1453.9
7.00	7.36	26.378 H	3.709 C	21.007	1454.2
8.00	8.38	26.680 H	3.506 C	21.261	1453.7
9.00	9.37	27.153 H	3.131 G	21.664	1452.7
10.00	10.38	27.637 F	2.710 E	22.078	1451.5
11.00	11.36	28.017 F	2.456 E	22.397	1451.0
12.00	12.40	28.267 F	2.253 E	22.609	1450.4
13.00	13.40	28.465 F	2.045 E	22.779	1449.8
14.00	14.43	28.634 F	1.788 E	22.929	1448.9
15.00	15.42	28.771 F	1.577 E	23.050	1448.1
16.00	16.43	28.851 F	1.406 E	23.123	1447.5
17.00	17.50	28.887 F	1.308 E	23.157	1447.1
18.00	18.48	28.900 F	1.269 E	23.170	1447.0
19.00	19.44	28.907 F	1.228 E	23.177	1446.8
20.00	20.49	28.942 F	1.196 E	23.207	1446.7
21.00	21.43	29.059 F	1.029 E	23.309	1446.1
22.00	22.49	29.275 F	0.546 E	23.504	1444.2
23.00	23.50	29.546 F	-0.085 E	23.745	1441.7
24.00	24.54	29.744 G	-0.611 E	23.921	1439.6
25.00	25.52	29.839 G	-0.820 E	24.003	1438.7
26.00	26.53	29.848 G	-0.885 E	24.011	1438.4
27.00	27.56	29.839 E	-0.927 C	24.005	1438.2
28.00	28.54	29.824 E	-0.965 C	23.994	1438.1
29.00	29.54	29.808 E	-1.004 C	23.982	1437.9
30.00	30.57	29.794 E	-1.052 C	23.971	1437.6
31.00	31.52	29.783 E	-1.104 C	23.964	1437.4
32.00	32.55	29.773 E	-1.149 C	23.956	1437.2
33.00	33.65	29.763 E	-1.176 C	23.949	1437.1
34.00	34.76	29.752 E	-1.198 C	23.940	1437.0
35.00	35.56	29.741 E	-1.217 C	23.932	1436.9
36.00	36.58	29.729 E	-1.233 C	23.922	1436.8
37.00	37.66	29.715 E	-1.245 C	23.911	1436.7
38.00	38.66	29.702 E	-1.258 C	23.901	1436.7
39.00	39.62	29.690 E	-1.269 C	23.891	1436.6
40.00	40.63	29.679 E	-1.276 C	23.883	1436.6
41.00	41.61	29.670 E	-1.279 C	23.875	1436.6
42.00	42.66	29.662 E	-1.283 C	23.869	1436.6
43.00	43.75	29.654 E	-1.285 C	23.863	1436.6
44.00	44.68	29.647 E	-1.289 C	23.857	1436.5
45.00	45.68	29.643 E	-1.295 C	23.854	1436.5
46.00	46.77	29.639 E	-1.300 C	23.851	1436.5
47.00	47.69	29.635 E	-1.303 C	23.848	1436.5
48.00	48.76	29.629 E	-1.305 C	23.843	1436.5
49.00	49.74	29.624 E	-1.307 C	23.839	1436.5
50.00	50.76	29.620 E	-1.310 C	23.836	1436.5
51.00	51.79	29.619 E	-1.313 C	23.835	1436.5
52.00	52.75	29.618 E	-1.316 C	23.834	1436.5
53.00	53.78	29.617 E	-1.319 C	23.833	1436.5
54.00	54.82	29.614 E	-1.325 C	23.831	1436.5
55.00	55.82	29.613 E	-1.332 C	23.830	1436.5
56.00	56.80	29.612 E	-1.338 C	23.830	1436.5
57.00	57.88	29.610 E	-1.342 C	23.828	1436.5

EXPERIMENT 408



CRUISE 02-71-015 CBI

CAMBRIDGE BAY

EXPER. NO. 408

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

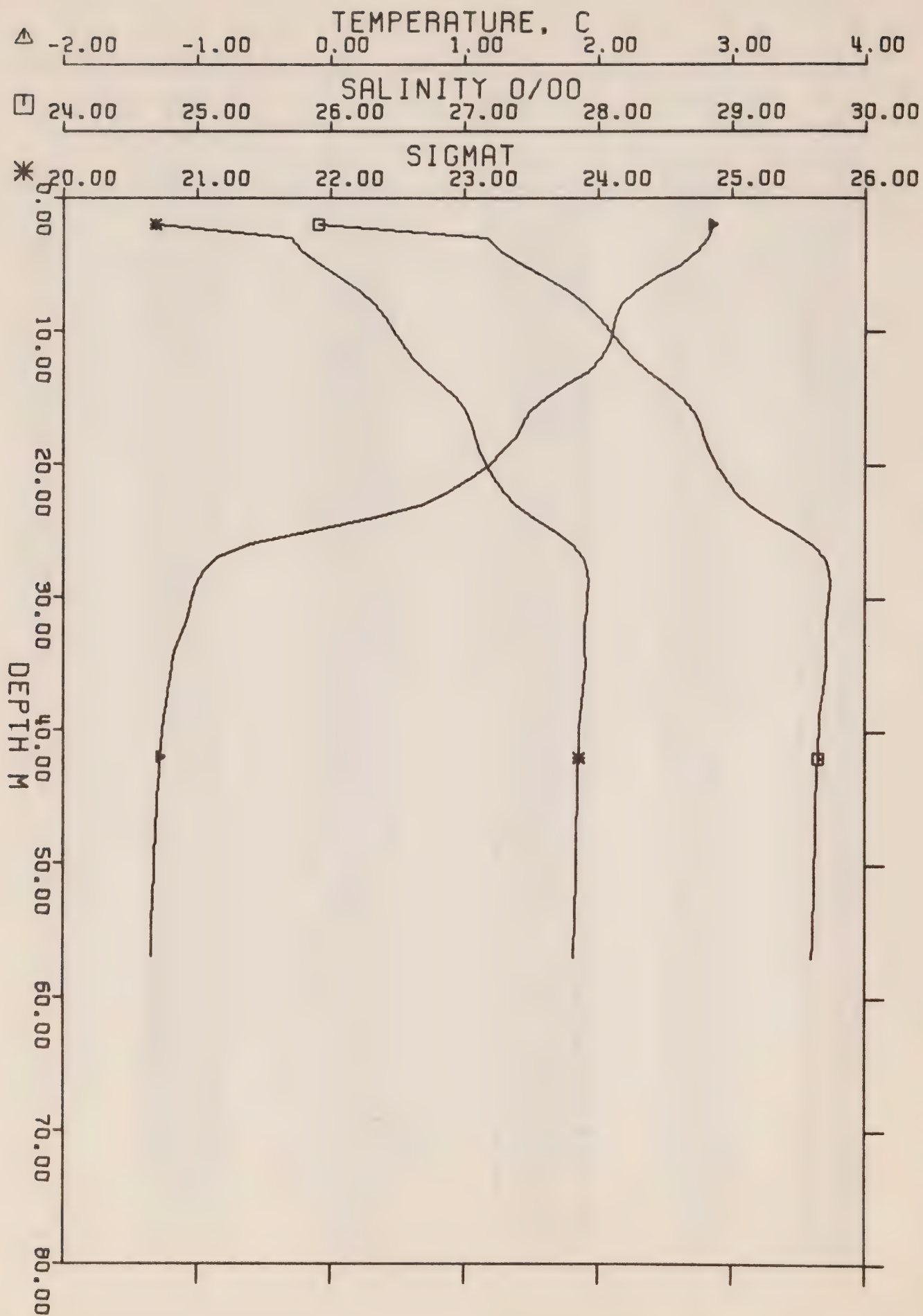
DEPTH INCR. 1.00

DATE 150971

LOCAL TIME 1430

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.25	3.41	26.462 G	3.536 F	21.086	1453.5
4.25	4.50	26.805 G	3.321 E	21.374	1453.2
5.25	5.36	27.215 E	3.049 E	21.719	1452.4
6.25	6.41	27.558 E	2.751 F	22.012	1451.6
7.25	7.35	27.800 E	2.575 E	22.216	1451.1
8.25	8.35	27.940 E	2.440 E	22.336	1450.7
9.25	9.47	28.035 F	2.321 E	22.420	1450.3
10.25	10.37	28.110 F	2.201 E	22.487	1449.9
11.25	11.38	28.179 F	2.104 E	22.548	1449.6
12.25	12.40	28.251 F	2.039 E	22.609	1449.4
13.25	13.41	28.324 F	1.986 E	22.670	1449.3
14.25	14.53	28.407 F	1.904 E	22.741	1449.1
15.25	15.41	28.498 F	1.775 E	22.821	1448.6
16.25	16.52	28.594 F	1.631 E	22.906	1448.1
17.25	17.63	28.678 F	1.489 F	22.981	1447.6
18.25	18.75	28.752 F	1.370 E	23.046	1447.2
19.25	19.55	28.839 F	1.229 F	23.123	1446.7
20.25	20.50	28.964 F	0.985 D	23.235	1445.3
21.25	21.56	29.135 F	0.637 D	23.387	1444.4
22.25	22.56	29.323 F	0.201 D	23.556	1442.7
23.25	23.54	29.494 F	-0.217 D	23.708	1441.0
24.25	24.60	29.614 F	-0.544 F	23.814	1439.7
25.25	25.37	29.675 F	-0.719 E	23.868	1439.0
26.25	26.79	29.694 F	-0.793 E	23.885	1438.7
27.25	27.71	29.696 F	-0.846 E	23.888	1438.4
28.25	28.69	29.701 E	-0.896 C	23.893	1438.2
29.25	29.61	29.708 E	-0.954 C	23.900	1438.0
30.25	30.66	29.714 E	-1.004 C	23.906	1437.8
31.25	31.66	29.717 E	-1.048 C	23.909	1437.6
32.25	32.69	29.717 E	-1.090 C	23.910	1437.4
33.25	33.61	29.716 E	-1.124 C	23.910	1437.2
34.25	34.68	29.712 E	-1.152 C	23.907	1437.1
35.25	35.66	29.708 E	-1.167 C	23.904	1437.1
36.25	36.64	29.704 E	-1.185 C	23.901	1437.0
37.25	37.74	29.701 E	-1.202 C	23.899	1436.9
38.25	38.92	29.698 E	-1.220 C	23.897	1436.9
39.25	39.46	29.694 E	-1.234 C	23.894	1436.8
40.25	40.67	29.691 E	-1.247 C	23.892	1436.7
41.25	41.77	29.687 E	-1.258 C	23.889	1436.7
42.25	42.76	29.683 E	-1.264 C	23.886	1436.7
43.25	43.85	29.676 E	-1.269 C	23.880	1436.7
44.25	44.76	29.653 E	-1.274 C	23.874	1436.7
45.25	45.79	29.661 E	-1.280 C	23.868	1436.6
46.25	46.85	29.657 E	-1.285 C	23.865	1436.6
47.25	47.80	29.654 E	-1.290 C	23.863	1436.6
48.25	48.83	29.651 E	-1.291 C	23.860	1436.6
49.25	49.88	29.647 E	-1.293 C	23.857	1436.6
50.25	50.80	29.645 E	-1.297 C	23.856	1436.6
51.25	51.79	29.644 E	-1.305 C	23.855	1436.6
52.25	52.60	29.645 E	-1.313 C	23.856	1436.6
53.25	53.42	29.646 E	-1.323 C	23.857	1436.5
54.25	54.57	29.647 E	-1.332 C	23.858	1436.5
55.25	55.49	29.647 E	-1.337 C	23.858	1436.5
56.25	56.88	29.645 E	-1.339 C	23.856	1436.5
57.25	57.85	29.642 E	-1.340 C	23.854	1436.5
58.25	58.53	29.639 E	-1.342 C	23.851	1436.5
59.25	59.93	29.634 E	-1.343 C	23.847	1436.5
60.25	61.02	29.630 E	-1.345 C	23.844	1436.5
61.25	61.96	29.627 E	-1.350 C	23.842	1436.5
62.25	63.04	29.626 E	-1.357 C	23.841	1436.5
63.25	64.04	29.625 E	-1.364 C	23.840	1436.5
64.25	64.65	29.624 E	-1.369 C	23.840	1436.5
65.25	65.65	29.622 E	-1.375 C	23.838	1436.4
66.25	65.85	29.622 E	-1.379 C	23.838	1436.4
67.25	67.05	29.621 E	-1.383 C	23.838	1436.4

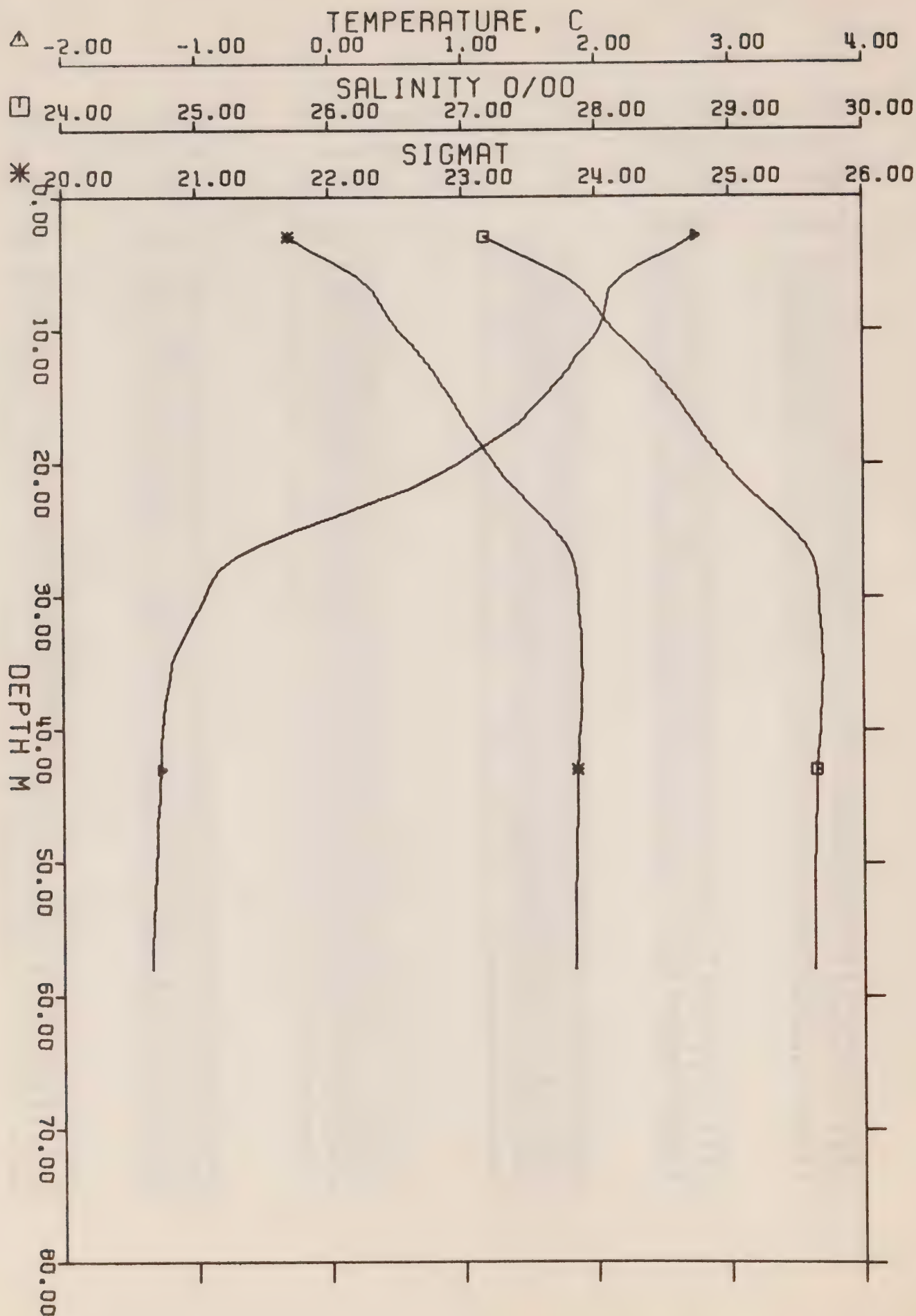
EXPERIMENT 409



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 409
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 160971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.27	25.910 E	2.847 E	20.695	1449.7
3.00	3.31	27.171 E	2.825 E	21.699	1451.3
4.00	4.40	27.271 E	2.742 E	21.784	1451.1
5.00	5.40	27.428 E	2.617 E	21.917	1450.8
6.00	6.31	27.608 E	2.433 E	22.072	1450.2
7.00	7.33	27.783 E	2.278 E	22.221	1449.8
8.00	8.38	27.914 E	2.166 E	22.332	1449.5
9.00	9.36	28.013 E	2.133 E	22.413	1449.5
10.00	10.36	28.088 E	2.107 E	22.475	1449.5
11.00	11.38	28.167 E	2.085 E	22.539	1449.5
12.00	12.47	28.256 E	2.021 E	22.614	1449.4
13.00	13.42	28.374 E	1.931 E	22.713	1449.1
14.00	14.44	28.506 E	1.762 E	22.828	1448.6
15.00	15.51	28.630 E	1.606 E	22.936	1448.1
16.00	16.49	28.711 F	1.487 E	23.007	1447.6
17.00	17.45	28.758 F	1.433 E	23.048	1447.5
18.00	18.49	28.793 E	1.378 E	23.078	1447.3
19.00	19.51	28.832 E	1.282 E	23.115	1446.9
20.00	20.47	28.885 E	1.188 E	23.162	1446.6
21.00	21.50	28.948 E	1.048 E	23.219	1446.1
22.00	22.57	29.025 E	0.895 E	23.288	1445.5
23.00	23.52	29.134 E	0.700 E	23.384	1444.8
24.00	24.61	29.281 E	0.333 E	23.517	1443.3
25.00	25.63	29.463 E	-0.140 E	23.680	1441.4
26.00	26.54	29.612 F	-0.600 E	23.814	1439.5
27.00	27.58	29.702 F	-0.847 E	23.893	1438.4
28.00	28.61	29.731 F	-0.949 E	23.918	1438.0
29.00	29.65	29.739 E	-1.006 E	23.926	1437.8
30.00	30.59	29.735 E	-1.043 C	23.924	1437.6
31.00	31.58	29.724 E	-1.062 C	23.915	1437.5
32.00	32.69	29.710 E	-1.091 C	23.904	1437.4
33.00	33.62	29.706 E	-1.128 C	23.902	1437.2
34.00	34.64	29.709 E	-1.166 C	23.905	1437.1
35.00	35.63	29.710 E	-1.191 C	23.906	1437.0
36.00	36.70	29.702 E	-1.205 C	23.900	1436.9
37.00	37.75	29.688 E	-1.217 C	23.889	1436.8
38.00	38.73	29.675 E	-1.231 C	23.879	1436.8
39.00	39.77	29.664 E	-1.248 C	23.870	1436.7
40.00	40.71	29.657 E	-1.260 C	23.865	1436.6
41.00	41.80	29.651 E	-1.268 C	23.860	1436.6
42.00	42.73	29.648 E	-1.277 C	23.858	1436.6
43.00	43.80	29.643 E	-1.285 C	23.854	1436.5
44.00	44.80	29.638 E	-1.293 C	23.850	1436.5
45.00	45.78	29.634 E	-1.298 C	23.847	1436.5
46.00	46.81	29.632 E	-1.302 C	23.845	1436.5
47.00	47.88	29.631 E	-1.306 C	23.844	1436.5
48.00	48.85	29.630 E	-1.311 C	23.844	1436.5
49.00	49.86	29.627 E	-1.316 C	23.841	1436.5
50.00	50.86	29.624 E	-1.320 C	23.839	1436.5
51.00	51.86	29.622 E	-1.322 C	23.837	1436.5
52.00	52.92	29.619 E	-1.326 C	23.835	1436.5
53.00	53.85	29.616 E	-1.332 C	23.833	1436.5
54.00	54.88	29.613 E	-1.338 C	23.830	1436.4
55.00	55.91	29.610 E	-1.341 C	23.828	1436.4
56.00	56.93	29.606 E	-1.343 C	23.825	1436.4
57.00	57.92	29.603 E	-1.344 C	23.822	1436.4

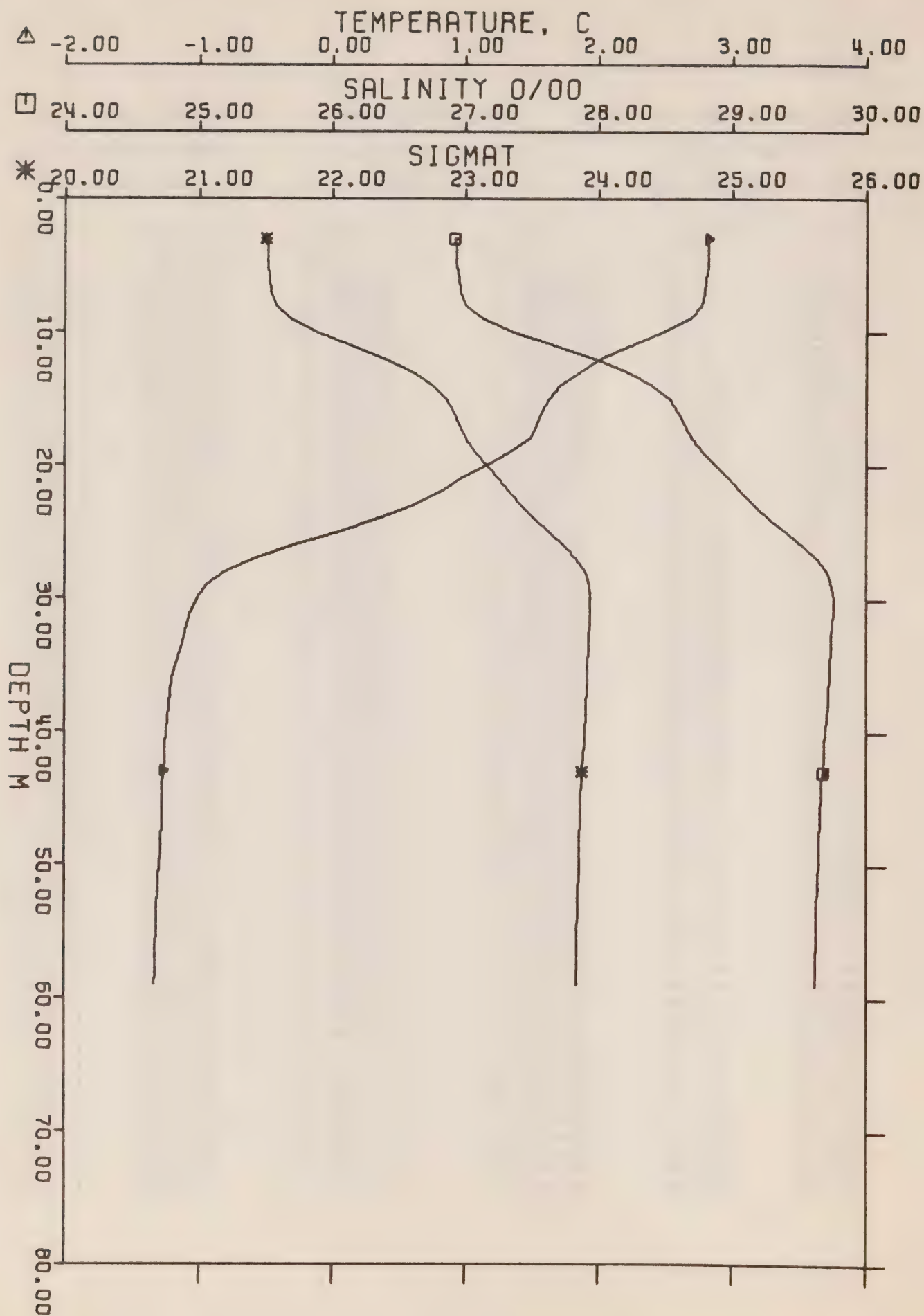
EXPERIMENT 410



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 410
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 160971 LOCAL TIME 1130

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.17	27.167 F	2.747 D	21.701	1451.0
4.00	4.13	27.358 F	2.586 D	21.863	1450.5
5.00	5.16	27.581 F	2.367 D	22.055	1449.9
6.00	6.17	27.780 F	2.208 E	22.223	1449.4
7.00	7.26	27.907 F	2.111 E	22.330	1449.2
8.00	8.22	27.986 F	2.087 E	22.395	1449.2
9.00	9.19	28.056 F	2.073 E	22.451	1449.3
10.00	10.25	28.145 F	2.027 E	22.525	1449.2
11.00	11.28	28.254 F	1.960 E	22.616	1449.1
12.00	12.32	28.353 F	1.861 E	22.701	1448.8
13.00	13.31	28.444 E	1.800 D	22.777	1448.6
14.00	14.27	28.522 E	1.712 D	22.844	1448.4
15.00	15.33	28.601 E	1.623 D	22.912	1448.1
16.00	16.32	28.668 E	1.524 D	22.971	1447.8
17.00	17.31	28.736 E	1.428 D	23.030	1447.4
18.00	18.34	28.809 E	1.282 E	23.096	1446.9
19.00	19.36	28.890 E	1.122 E	23.169	1446.3
20.00	20.34	28.970 E	0.966 E	23.240	1445.7
21.00	21.33	29.053 E	0.795 E	23.315	1445.1
22.00	22.35	29.155 E	0.583 E	23.406	1444.2
23.00	23.38	29.262 E	0.301 E	23.503	1443.1
24.00	24.35	29.374 F	0.042 E	23.602	1442.1
25.00	25.42	29.470 F	-0.245 E	23.689	1440.9
26.00	26.38	29.557 F	-0.500 E	23.767	1439.8
27.00	27.46	29.620 F	-0.711 E	23.823	1439.0
28.00	28.48	29.654 F	-0.835 C	23.854	1438.4
29.00	29.42	29.664 F	-0.895 C	23.863	1438.2
30.00	30.45	29.668 F	-0.940 C	23.867	1438.0
31.00	31.50	29.675 E	-0.992 C	23.874	1437.8
32.00	32.47	29.684 E	-1.047 C	23.882	1437.5
33.00	33.50	29.691 E	-1.103 C	23.889	1437.3
34.00	34.56	29.695 E	-1.150 C	23.893	1437.1
35.00	35.54	29.696 E	-1.187 C	23.895	1437.0
36.00	36.55	29.696 E	-1.205 C	23.895	1436.9
37.00	37.54	29.693 E	-1.218 C	23.893	1436.8
38.00	38.58	29.690 E	-1.236 C	23.891	1436.8
39.00	39.59	29.684 E	-1.253 C	23.886	1436.7
40.00	40.56	29.678 E	-1.263 C	23.882	1436.6
41.00	41.60	29.669 E	-1.267 C	23.874	1436.6
42.00	42.57	29.659 E	-1.269 C	23.866	1436.6
43.00	43.59	29.652 E	-1.272 C	23.861	1436.6
44.00	44.67	29.650 E	-1.277 C	23.859	1436.6
45.00	45.69	29.649 E	-1.284 C	23.859	1436.6
46.00	46.60	29.648 E	-1.291 C	23.858	1436.6
47.00	47.64	29.645 E	-1.297 C	23.856	1436.6
48.00	48.68	29.642 E	-1.301 C	23.853	1436.6
49.00	49.69	29.638 E	-1.304 C	23.850	1436.5
50.00	50.71	29.635 E	-1.308 C	23.848	1436.5
51.00	51.75	29.633 E	-1.312 C	23.846	1436.5
52.00	52.77	29.631 E	-1.317 C	23.845	1436.5
53.00	53.77	29.629 E	-1.322 C	23.843	1436.5
54.00	54.73	29.627 E	-1.329 C	23.842	1436.5
55.00	55.77	29.627 E	-1.335 C	23.842	1436.5
56.00	56.79	29.628 E	-1.340 C	23.843	1436.5
57.00	57.79	29.629 E	-1.342 C	23.843	1436.5
58.00	58.84	29.629 E	-1.343 C	23.843	1436.5

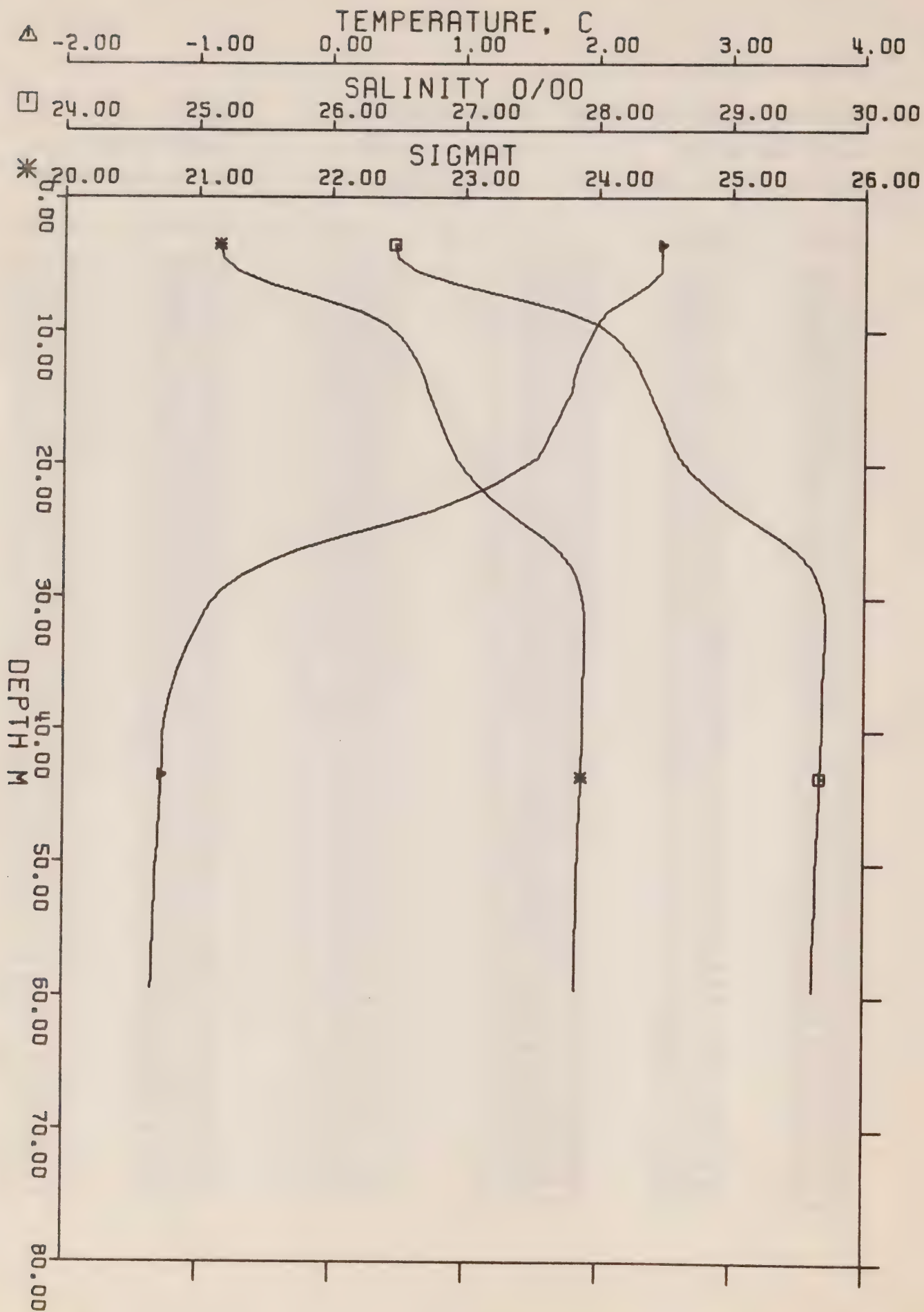
EXPERIMENT 411



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 411
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 180971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.26	26.925 E	2.821 C	21.504	1451.0
4.00	4.21	26.927 E	2.821 C	21.505	1451.0
5.00	5.26	26.935 E	2.818 C	21.512	1451.0
6.00	6.22	26.947 E	2.804 C	21.522	1451.0
7.00	7.27	26.960 E	2.788 C	21.534	1450.9
8.00	8.29	27.002 E	2.774 C	21.568	1450.9
9.00	9.29	27.130 F	2.682 E	21.676	1450.7
10.00	10.33	27.362 F	2.479 E	21.873	1450.2
11.00	11.33	27.671 F	2.243 D	22.134	1449.5
12.00	12.28	27.967 E	2.006 D	22.384	1448.9
13.00	13.32	28.224 E	1.857 D	22.598	1448.6
14.00	14.32	28.401 E	1.709 D	22.747	1448.2
15.00	15.29	28.527 E	1.633 D	22.852	1448.0
16.00	16.32	28.595 E	1.572 D	22.910	1447.9
17.00	17.38	28.642 E	1.535 D	22.949	1447.8
18.00	18.33	28.698 E	1.485 E	22.997	1447.6
19.00	19.33	28.776 F	1.326 E	23.068	1447.1
20.00	20.42	28.882 F	1.157 E	23.161	1446.5
21.00	21.39	28.979 F	0.959 D	23.248	1445.7
22.00	22.43	29.074 E	0.813 D	23.331	1445.2
23.00	23.38	29.170 E	0.614 D	23.416	1444.4
24.00	24.47	29.283 E	0.343 D	23.518	1443.3
25.00	25.39	29.411 E	0.049 D	23.632	1442.2
26.00	26.47	29.533 F	-0.294 C	23.741	1440.8
27.00	27.43	29.639 F	-0.579 C	23.835	1439.6
28.00	28.45	29.708 F	-0.809 C	23.897	1438.6
29.00	29.52	29.744 F	-0.948 C	23.929	1438.1
30.00	30.47	29.756 F	-1.025 C	23.940	1437.7
31.00	31.55	29.757 E	-1.074 C	23.942	1437.5
32.00	32.59	29.753 E	-1.097 C	23.939	1437.4
33.00	33.58	29.745 E	-1.119 C	23.933	1437.3
34.00	34.56	29.737 E	-1.149 C	23.927	1437.2
35.00	35.51	29.732 E	-1.179 C	23.924	1437.0
36.00	36.64	29.728 E	-1.206 C	23.921	1436.9
37.00	37.63	29.723 E	-1.220 C	23.917	1436.9
38.00	38.61	29.716 E	-1.233 C	23.912	1436.8
39.00	39.58	29.709 E	-1.242 C	23.906	1436.8
40.00	40.64	29.702 E	-1.250 C	23.901	1436.7
41.00	41.68	29.695 E	-1.257 C	23.895	1436.7
42.00	42.59	29.687 E	-1.264 C	23.889	1436.7
43.00	43.69	29.680 E	-1.270 C	23.883	1436.7
44.00	44.64	29.672 E	-1.276 C	23.877	1436.6
45.00	45.64	29.666 E	-1.281 C	23.872	1436.6
46.00	46.73	29.660 E	-1.283 C	23.867	1436.6
47.00	47.73	29.657 E	-1.284 C	23.865	1436.6
48.00	48.69	29.654 E	-1.287 C	23.863	1436.6
49.00	49.73	29.653 E	-1.292 C	23.862	1436.6
50.00	50.76	29.649 E	-1.300 C	23.859	1436.6
51.00	51.80	29.645 E	-1.308 C	23.856	1436.6
52.00	52.77	29.639 E	-1.314 C	23.851	1436.6
53.00	53.77	29.635 E	-1.318 C	23.848	1436.5
54.00	54.74	29.632 E	-1.320 C	23.845	1436.5
55.00	55.76	29.630 E	-1.324 C	23.844	1436.5
56.00	56.82	29.627 E	-1.327 C	23.841	1436.5
57.00	57.88	29.624 E	-1.330 C	23.839	1436.5
58.00	58.84	29.623 E	-1.333 C	23.838	1436.5
59.00	59.88	29.622 E	-1.337 C	23.838	1436.5

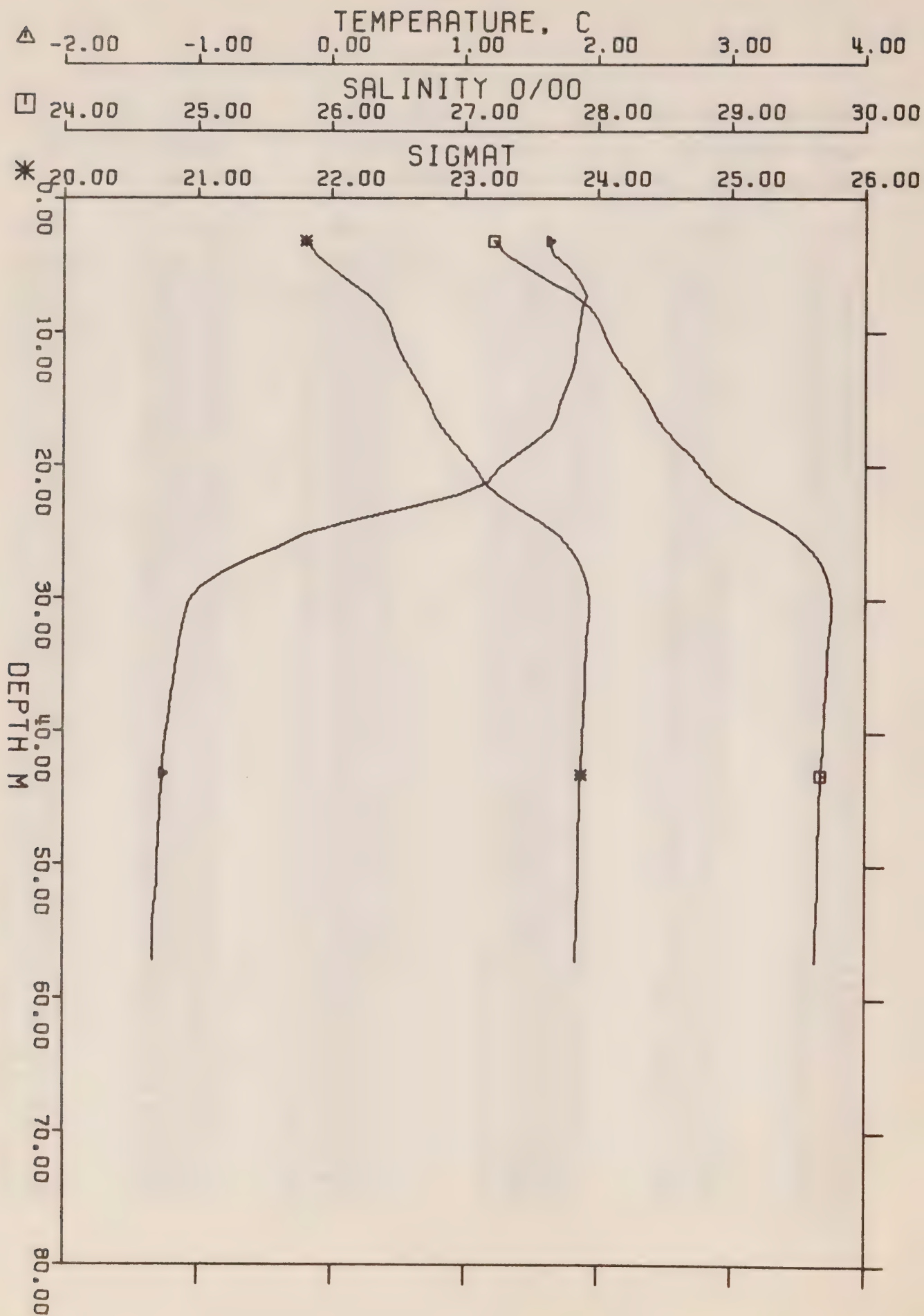
EXPERIMENT 412



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 412
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 190971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.50	3.51	26.468 E	2.466 D	21.162	1448.8
4.50	4.49	26.493 F	2.467 D	21.182	1448.8
5.50	5.57	26.634 H	2.469 D	21.294	1449.1
6.50	6.52	26.938 H	2.374 F	21.542	1449.1
7.50	7.49	27.366 E	2.222 E	21.892	1449.0
8.50	8.52	27.746 E	2.060 E	22.205	1448.8
9.50	9.60	27.996 E	1.979 E	22.409	1448.8
10.50	10.62	28.131 E	1.933 E	22.519	1448.8
11.50	11.57	28.220 E	1.876 E	22.594	1448.6
12.50	12.64	28.290 E	1.837 E	22.652	1448.6
13.50	13.57	28.335 E	1.812 E	22.689	1448.5
14.50	14.59	28.376 E	1.796 E	22.723	1448.5
15.50	15.63	28.418 E	1.744 E	22.759	1448.4
16.50	16.65	28.469 E	1.697 E	22.802	1448.3
17.50	17.64	28.513 E	1.642 E	22.841	1448.1
18.50	18.63	28.554 E	1.599 E	22.876	1448.0
19.50	19.63	28.612 F	1.536 E	22.925	1447.8
20.50	20.72	28.691 F	1.384 F	22.997	1447.2
21.50	21.72	28.800 E	1.219 C	23.092	1446.6
22.50	22.76	28.913 E	0.996 C	23.193	1445.8
23.50	23.70	29.052 E	0.764 C	23.315	1444.9
24.50	24.73	29.207 E	0.427 C	23.454	1443.6
25.50	25.68	29.370 E	0.071 C	23.598	1442.2
26.50	26.73	29.501 E	-0.247 C	23.714	1441.0
27.50	27.80	29.588 E	-0.489 C	23.791	1440.0
28.50	28.83	29.641 E	-0.682 C	23.839	1439.1
29.50	29.75	29.676 E	-0.822 C	23.871	1438.6
30.50	30.86	29.699 E	-0.912 C	23.892	1438.2
31.50	31.81	29.711 E	-0.970 C	23.903	1437.9
32.50	32.79	29.712 E	-1.020 C	23.904	1437.7
33.50	33.79	29.708 E	-1.071 C	23.902	1437.5
34.50	34.88	29.702 E	-1.112 C	23.898	1437.3
35.50	35.83	29.698 E	-1.151 C	23.896	1437.1
36.50	36.90	29.695 E	-1.182 C	23.894	1437.0
37.50	37.86	29.694 E	-1.209 C	23.894	1436.9
38.50	38.83	29.693 E	-1.232 C	23.893	1436.8
39.50	39.86	29.692 E	-1.249 C	23.893	1436.7
40.50	40.86	29.688 E	-1.260 C	23.890	1436.7
41.50	42.05	29.684 E	-1.263 C	23.887	1436.7
42.50	42.91	29.679 E	-1.265 C	23.882	1436.7
43.50	43.91	29.675 E	-1.267 C	23.879	1436.7
44.50	44.91	29.672 E	-1.270 C	23.877	1436.7
45.50	46.01	29.668 E	-1.276 C	23.874	1436.7
46.50	46.98	29.662 E	-1.283 C	23.869	1436.6
47.50	47.97	29.656 E	-1.288 C	23.864	1436.6
48.50	48.97	29.651 E	-1.293 C	23.860	1436.6
49.50	50.02	29.646 E	-1.299 C	23.856	1436.6
50.50	51.04	29.643 E	-1.306 C	23.854	1436.6
51.50	52.01	29.641 E	-1.311 C	23.853	1436.6
52.50	53.25	29.640 E	-1.315 C	23.852	1436.6
53.50	54.27	29.637 E	-1.318 C	23.849	1436.6
54.50	55.09	29.633 E	-1.321 C	23.846	1436.5
55.50	56.23	29.628 E	-1.324 C	23.842	1436.5
56.50	57.20	29.624 E	-1.326 C	23.839	1436.5
57.50	58.11	29.622 E	-1.330 C	23.837	1436.5
58.50	59.15	29.622 E	-1.334 C	23.838	1436.5
59.50	60.16	29.623 E	-1.339 C	23.838	1436.5

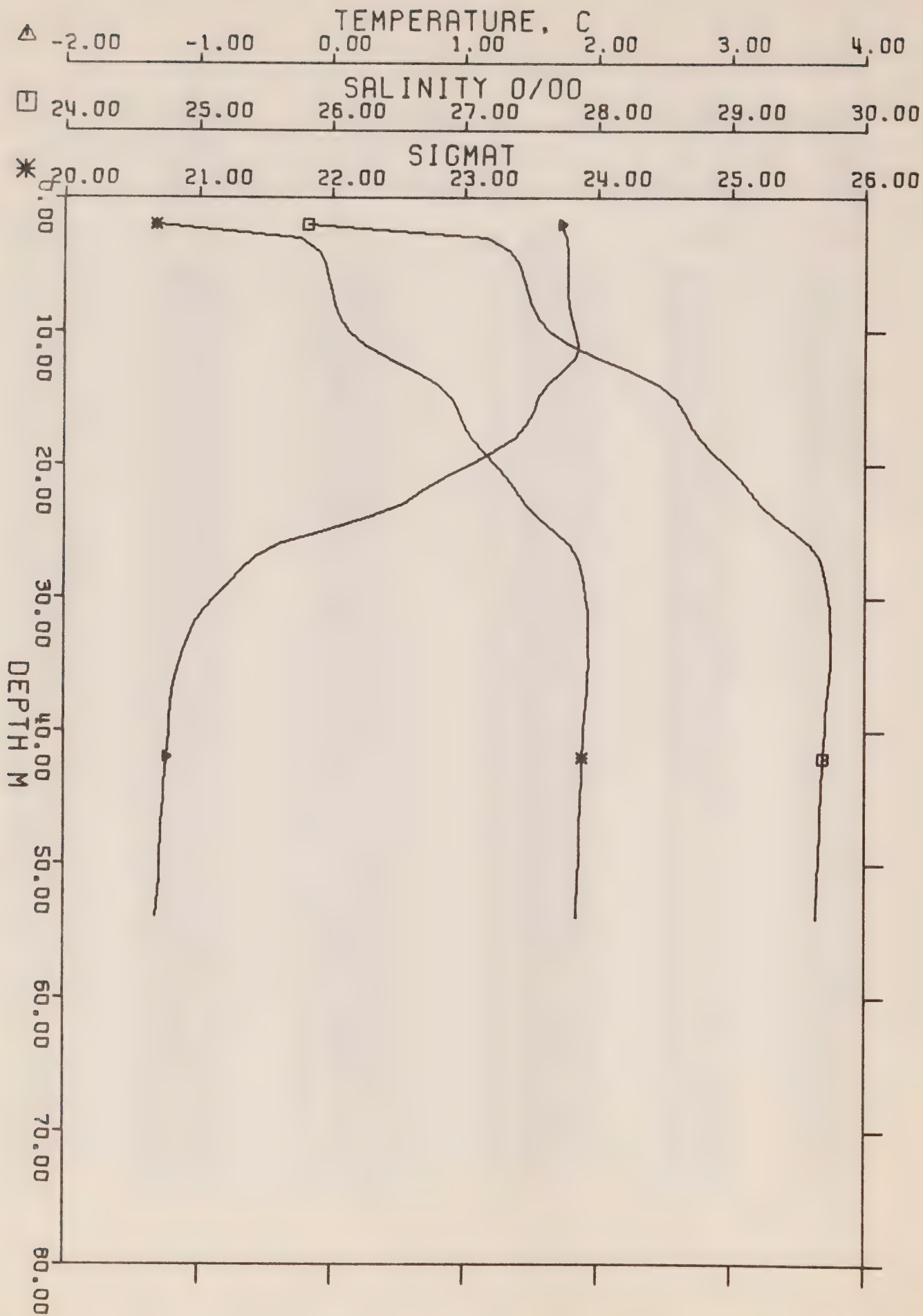
EXPERIMENT 413



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 413
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 200971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.25	3.40	27.221 F	1.637 E	21.808	1446.1
4.25	4.34	27.313 F	1.673 E	21.880	1446.4
5.25	5.44	27.468 F	1.788 E	21.998	1447.1
6.25	6.34	27.646 G	1.871 G	22.135	1447.8
7.25	7.42	27.820 F	1.925 D	22.271	1448.3
8.25	8.45	27.939 F	1.885 D	22.369	1448.3
9.25	9.37	28.012 F	1.869 D	22.428	1448.3
10.25	10.42	28.053 E	1.853 D	22.461	1448.3
11.25	11.45	28.099 E	1.843 D	22.499	1448.3
12.25	12.49	28.161 E	1.830 D	22.549	1448.4
13.25	13.52	28.237 E	1.797 D	22.612	1448.3
14.25	14.50	28.313 E	1.757 D	22.674	1448.3
15.25	15.48	28.375 E	1.718 D	22.726	1448.2
16.25	16.57	28.431 E	1.692 D	22.772	1448.2
17.25	17.55	28.503 E	1.651 D	22.832	1448.1
18.25	18.55	28.595 E	1.532 E	22.912	1447.7
19.25	19.53	28.701 F	1.395 D	23.004	1447.3
20.25	20.60	28.783 F	1.257 D	23.077	1446.8
21.25	21.55	28.867 F	1.170 E	23.148	1446.5
22.25	22.57	28.979 F	0.961 E	23.248	1445.7
23.25	23.56	29.148 F	0.593 C	23.400	1444.3
24.25	24.56	29.336 F	0.163 C	23.567	1442.6
25.25	25.61	29.492 F	-0.195 C	23.705	1441.2
26.25	26.59	29.600 F	-0.429 C	23.799	1440.2
27.25	27.67	29.667 F	-0.652 C	23.860	1439.3
28.25	28.63	29.715 F	-0.839 C	23.903	1438.5
29.25	29.73	29.742 F	-0.991 C	23.928	1437.8
30.25	30.68	29.752 F	-1.066 C	23.938	1437.5
31.25	31.65	29.748 E	-1.104 C	23.935	1437.4
32.25	32.69	29.738 E	-1.125 C	23.928	1437.3
33.25	33.81	29.728 E	-1.139 C	23.920	1437.2
34.25	34.75	29.722 E	-1.151 C	23.915	1437.1
35.25	35.77	29.719 E	-1.167 C	23.913	1437.1
36.25	36.75	29.715 E	-1.183 C	23.910	1437.0
37.25	37.83	29.711 E	-1.197 C	23.907	1437.0
38.25	38.78	29.704 E	-1.210 C	23.902	1436.9
39.25	39.78	29.698 E	-1.223 C	23.897	1436.9
40.25	40.84	29.693 E	-1.239 C	23.893	1436.8
41.25	41.78	29.688 E	-1.250 C	23.890	1436.7
42.25	42.88	29.680 E	-1.258 C	23.883	1436.7
43.25	43.83	29.673 E	-1.263 C	23.878	1436.7
44.25	44.90	29.668 E	-1.269 C	23.874	1436.7
45.25	45.92	29.664 E	-1.276 C	23.871	1436.7
46.25	46.90	29.660 E	-1.284 C	23.867	1436.6
47.25	47.90	29.656 E	-1.290 C	23.864	1436.6
48.25	48.89	29.654 E	-1.294 C	23.863	1436.6
49.25	49.93	29.655 E	-1.296 C	23.864	1436.6
50.25	50.96	29.654 E	-1.297 C	23.863	1436.6
51.25	51.99	29.651 E	-1.299 C	23.860	1436.6
52.25	52.93	29.646 E	-1.307 C	23.857	1436.6
53.25	55.00	29.642 E	-1.317 C	23.853	1436.6
54.25	56.06	29.637 E	-1.326 C	23.850	1436.5
55.25	56.97	29.634 E	-1.331 C	23.847	1436.5
56.25	57.99	29.631 E	-1.333 C	23.845	1436.5
57.25	59.06	29.629 E	-1.335 C	23.843	1436.5

EXPERIMENT 414



CRUISE 02-71-015 CBI

CAMBRIDGE BAY

EXPER. NO. 414

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

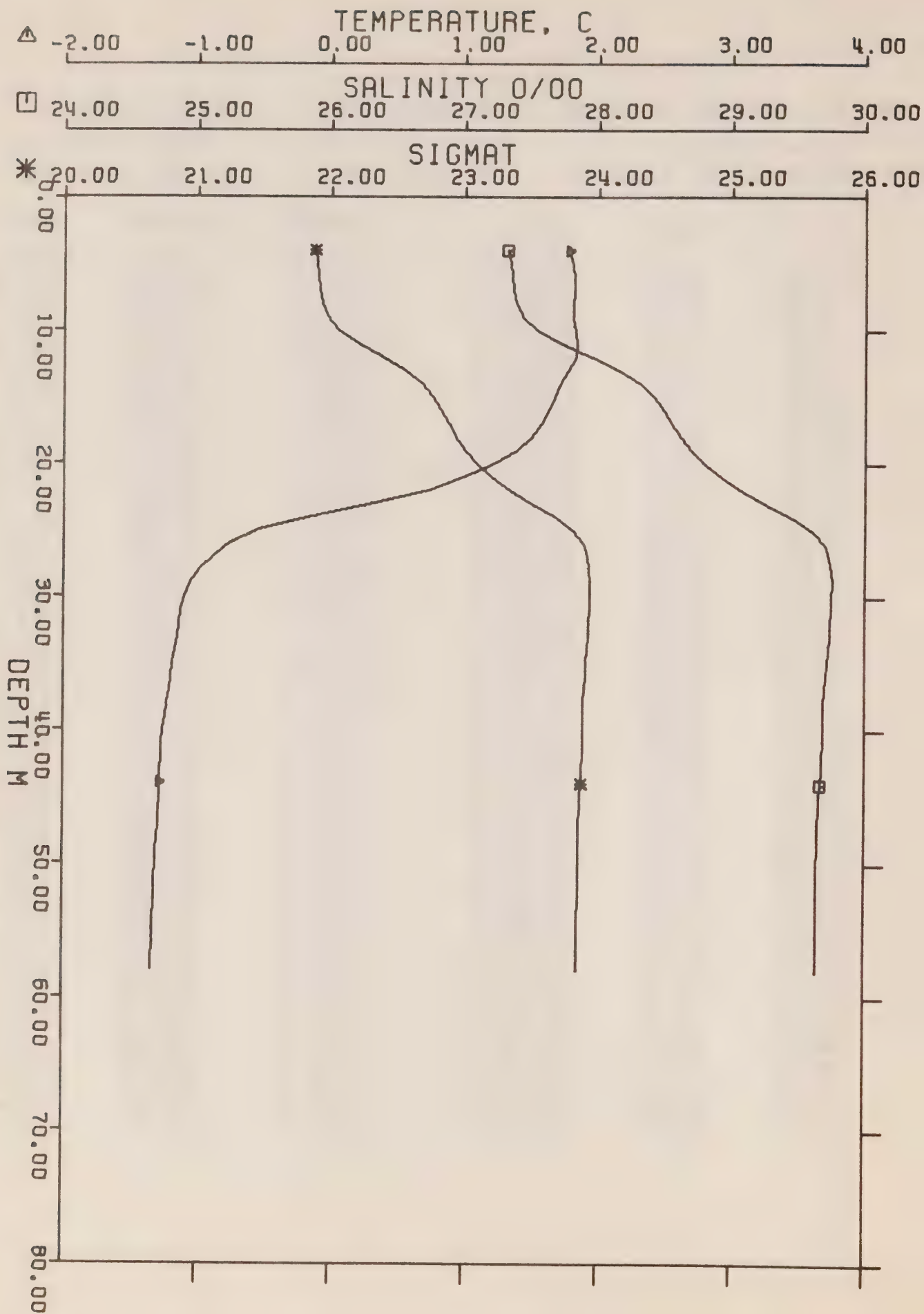
DEPTH INCR. 1.00

DATE 210971

LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.25	25.819 F	1.727 D	20.684	1444.6
3.00	3.23	27.172 F	1.773 D	21.762	1446.6
4.00	4.30	27.340 F	1.778 D	21.896	1446.9
5.00	5.29	27.406 F	1.779 D	21.949	1447.0
6.00	6.26	27.439 F	1.780 D	21.975	1447.1
7.00	7.30	27.467 E	1.783 D	21.997	1447.1
8.00	8.27	27.500 E	1.793 D	22.023	1447.2
9.00	9.31	27.551 E	1.808 D	22.063	1447.4
10.00	10.31	27.640 F	1.844 E	22.132	1447.7
11.00	11.34	27.794 F	1.865 E	22.254	1448.0
12.00	12.34	28.013 F	1.830 E	22.431	1448.2
13.00	13.34	28.259 F	1.732 E	22.633	1448.1
14.00	14.30	28.459 F	1.623 D	22.798	1447.9
15.00	15.33	28.578 F	1.555 D	22.897	1447.8
16.00	16.36	28.640 F	1.520 D	22.949	1447.7
17.00	17.41	28.689 E	1.464 D	22.991	1447.5
18.00	18.37	28.763 E	1.376 D	23.055	1447.2
19.00	19.35	28.855 E	1.224 D	23.136	1446.7
20.00	20.41	28.960 E	1.046 D	23.229	1446.1
21.00	21.41	29.059 E	0.852 D	23.317	1445.3
22.00	22.50	29.137 E	0.679 D	23.387	1444.7
23.00	23.48	29.223 E	0.545 D	23.462	1444.2
24.00	24.45	29.328 F	0.273 F	23.557	1443.1
25.00	25.49	29.472 F	-0.048 F	23.684	1441.8
26.00	26.48	29.587 F	-0.398 D	23.788	1440.4
27.00	27.51	29.661 F	-0.578 D	23.853	1439.6
28.00	28.58	29.689 F	-0.685 D	23.878	1439.2
29.00	29.52	29.709 F	-0.783 E	23.897	1438.8
30.00	30.55	29.728 E	-0.882 E	23.914	1438.4
31.00	31.55	29.740 E	-0.972 C	23.926	1438.0
32.00	32.60	29.744 E	-1.039 C	23.931	1437.7
33.00	33.61	29.746 E	-1.082 C	23.933	1437.5
34.00	34.59	29.746 E	-1.120 C	23.934	1437.3
35.00	35.69	29.747 E	-1.147 C	23.935	1437.2
36.00	36.71	29.743 E	-1.177 C	23.933	1437.1
37.00	37.68	29.735 E	-1.199 C	23.927	1437.0
38.00	38.61	29.725 E	-1.211 C	23.919	1436.9
39.00	39.68	29.715 E	-1.216 C	23.911	1436.9
40.00	40.65	29.707 E	-1.223 C	23.904	1436.9
41.00	41.66	29.700 E	-1.233 C	23.899	1436.8
42.00	42.72	29.694 E	-1.244 C	23.894	1436.8
43.00	43.75	29.689 E	-1.253 C	23.890	1436.8
44.00	44.74	29.684 E	-1.258 C	23.886	1436.7
45.00	45.77	29.679 E	-1.265 C	23.882	1436.7
46.00	46.82	29.674 E	-1.272 C	23.879	1436.7
47.00	47.84	29.669 E	-1.279 C	23.875	1436.7
48.00	48.82	29.666 E	-1.283 C	23.872	1436.7
49.00	49.83	29.662 E	-1.286 C	23.869	1436.7
50.00	50.83	29.657 E	-1.290 C	23.865	1436.7
51.00	51.78	29.651 E	-1.295 C	23.860	1436.6
52.00	52.89	29.646 E	-1.301 C	23.856	1436.6
53.00	53.90	29.643 E	-1.308 C	23.854	1436.6
54.00	54.85	29.642 E	-1.316 C	23.853	1436.6

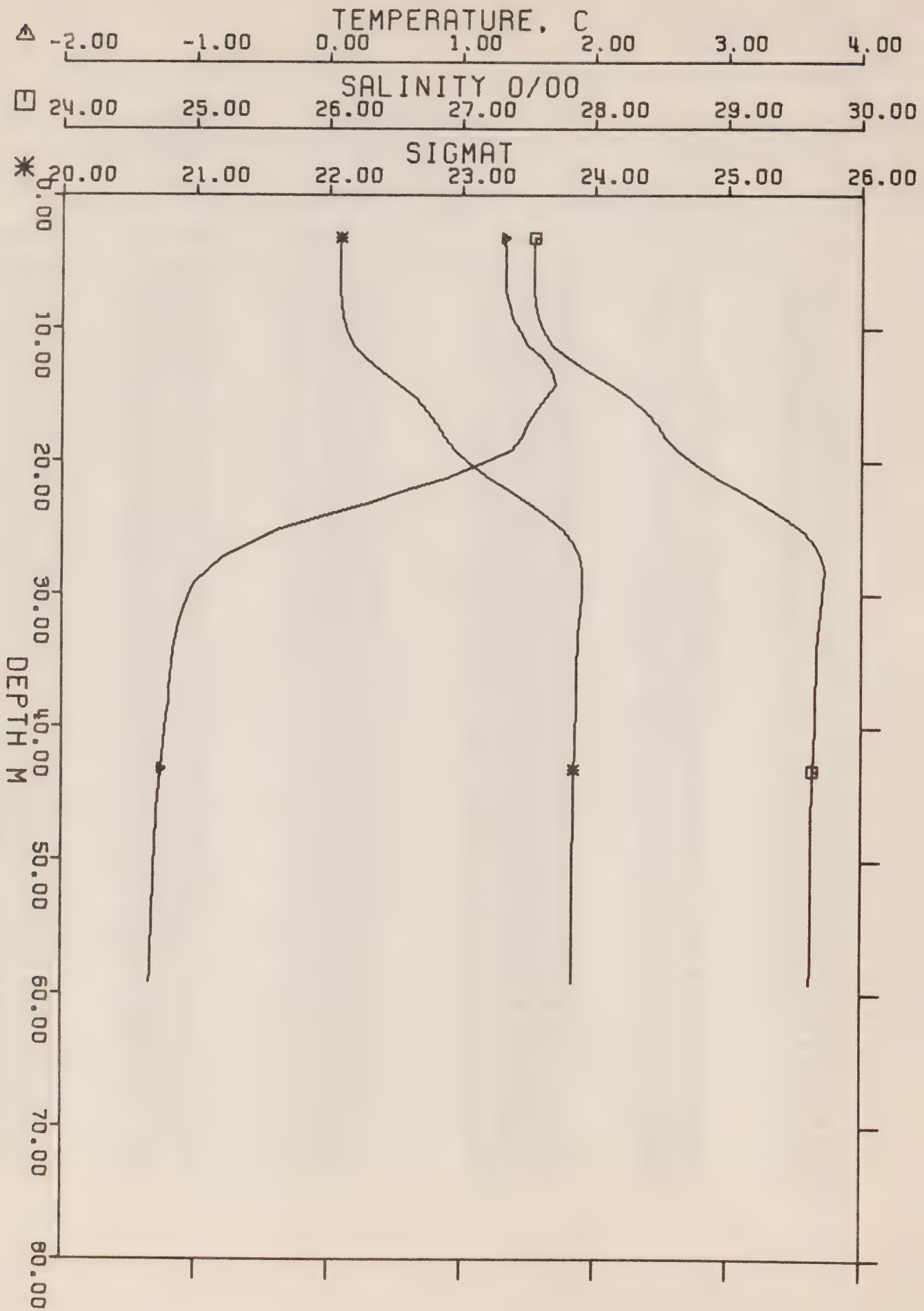
EXPERIMENT 415



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 415
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 210971 LOCAL TIME 1530

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.11	27.325 E	1.784 D	21.884	1446.9
5.00	5.09	27.340 E	1.808 D	21.894	1447.0
6.00	6.19	27.347 E	1.817 D	21.900	1447.1
7.00	7.14	27.357 E	1.822 D	21.907	1447.2
8.00	8.18	27.379 E	1.815 D	21.925	1447.2
9.00	9.17	27.429 E	1.810 D	21.965	1447.2
10.00	10.18	27.539 F	1.829 E	22.052	1447.5
11.00	11.16	27.720 F	1.843 E	22.196	1447.8
12.00	12.21	27.951 F	1.830 E	22.381	1448.1
13.00	13.28	28.163 E	1.766 D	22.554	1448.1
14.00	14.24	28.321 E	1.706 D	22.684	1448.1
15.00	15.25	28.420 E	1.666 D	22.765	1448.0
16.00	16.27	28.491 E	1.619 E	22.824	1447.9
17.00	17.35	28.553 E	1.570 E	22.876	1447.8
18.00	18.38	28.618 E	1.503 E	22.932	1447.6
19.00	19.38	28.697 E	1.390 E	23.001	1447.2
20.00	20.32	28.803 E	1.223 E	23.094	1446.6
21.00	21.40	28.926 E	0.990 D	23.204	1445.8
22.00	22.33	29.084 E	0.737 D	23.342	1444.8
23.00	23.39	29.263 E	0.318 E	23.503	1443.2
24.00	24.41	29.459 F	-0.138 E	23.677	1441.4
25.00	25.45	29.608 F	-0.535 E	23.809	1439.7
26.00	26.41	29.696 F	-0.755 E	23.886	1438.8
27.00	27.50	29.733 F	-0.880 D	23.918	1438.3
28.00	28.52	29.748 F	-0.988 D	23.933	1437.9
29.00	29.47	29.756 F	-1.058 D	23.941	1437.5
30.00	30.55	29.755 E	-1.105 D	23.941	1437.3
31.00	31.50	29.751 E	-1.126 D	23.938	1437.3
32.00	32.49	29.744 E	-1.138 C	23.933	1437.2
33.00	33.56	29.736 E	-1.153 C	23.927	1437.1
34.00	34.57	29.728 E	-1.171 C	23.920	1437.1
35.00	35.53	29.719 E	-1.187 C	23.913	1437.0
36.00	36.55	29.709 E	-1.200 C	23.906	1436.9
37.00	37.65	29.700 E	-1.212 C	23.899	1436.9
38.00	38.63	29.694 E	-1.227 C	23.894	1436.8
39.00	39.59	29.690 E	-1.243 C	23.891	1436.7
40.00	40.64	29.688 E	-1.258 C	23.890	1436.7
41.00	41.71	29.686 E	-1.269 C	23.888	1436.7
42.00	42.69	29.682 E	-1.274 C	23.885	1436.6
43.00	43.70	29.677 E	-1.278 C	23.881	1436.6
44.00	44.71	29.671 E	-1.281 C	23.876	1436.6
45.00	45.70	29.665 E	-1.284 C	23.872	1436.6
46.00	46.73	29.658 E	-1.287 C	23.866	1436.6
47.00	47.77	29.653 E	-1.293 C	23.862	1436.6
48.00	48.75	29.649 E	-1.299 C	23.859	1436.6
49.00	49.76	29.646 E	-1.306 C	23.857	1436.6
50.00	50.80	29.645 E	-1.312 C	23.856	1436.5
51.00	51.77	29.644 E	-1.318 C	23.855	1436.5
52.00	52.78	29.645 E	-1.323 C	23.856	1436.5
53.00	53.80	29.644 E	-1.325 C	23.855	1436.5
54.00	54.79	29.642 E	-1.327 C	23.854	1436.5
55.00	55.78	29.640 E	-1.329 C	23.852	1436.5
56.00	56.82	29.639 E	-1.332 C	23.851	1436.5
57.00	57.77	29.638 E	-1.336 C	23.851	1436.5
58.00	58.80	29.637 E	-1.341 C	23.850	1436.5

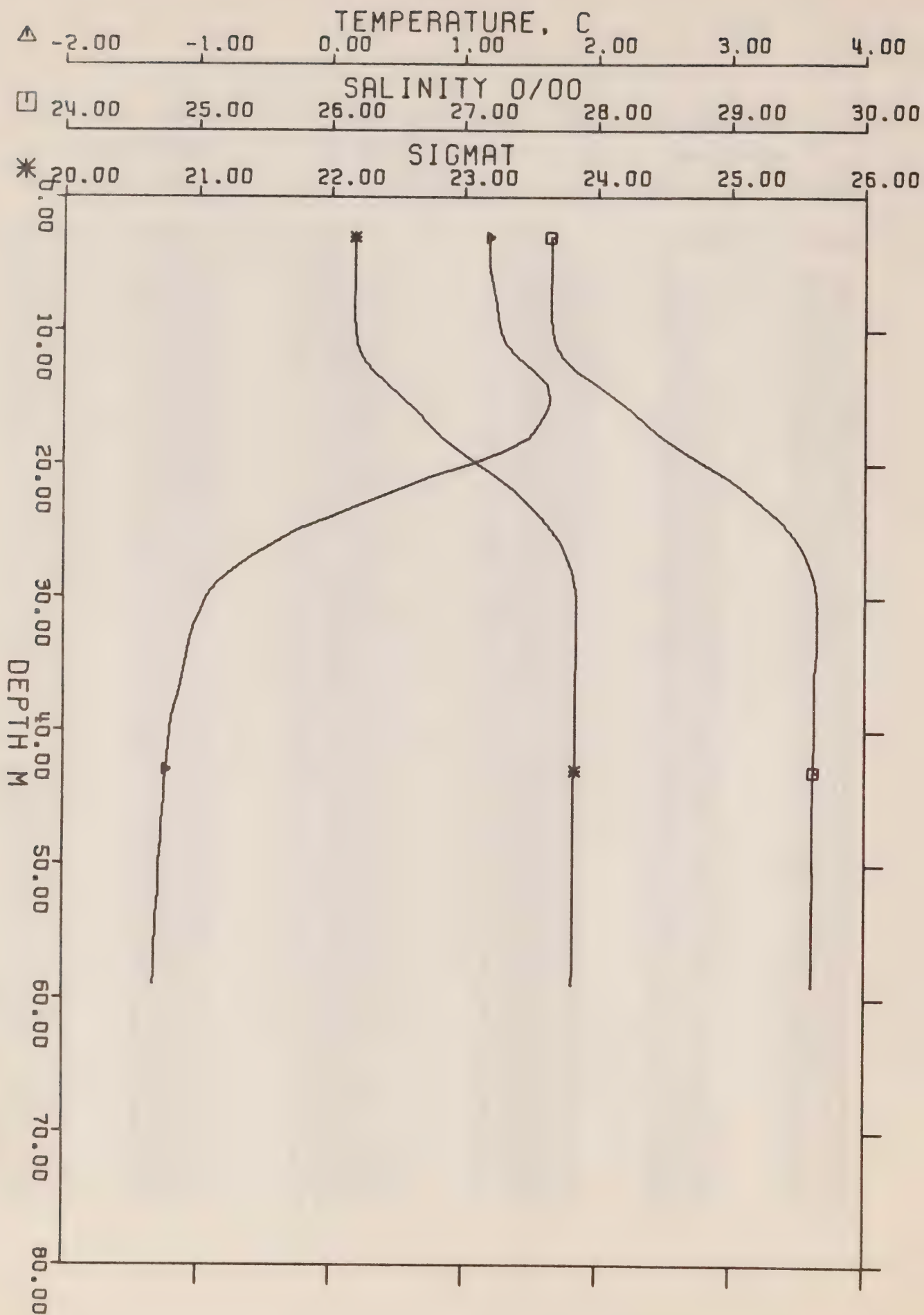
EXPERIMENT 418



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 418
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 230971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.25	3.39	27.552 E	1.324 D	22.088	1445.1
4.25	4.42	27.543 E	1.326 D	22.081	1445.1
5.25	5.42	27.536 E	1.328 D	22.075	1445.2
6.25	6.42	27.536 E	1.329 D	22.075	1445.2
7.25	7.44	27.541 E	1.335 E	22.079	1445.2
8.25	8.41	27.555 E	1.356 E	22.089	1445.4
9.25	9.45	27.575 E	1.385 E	22.104	1445.5
10.25	10.50	27.614 E	1.442 E	22.132	1445.9
11.25	11.51	27.682 F	1.503 E	22.183	1446.2
12.25	12.51	27.800 F	1.614 E	22.272	1446.9
13.25	13.47	27.952 E	1.680 E	22.390	1447.4
14.25	14.50	28.122 E	1.709 E	22.524	1447.8
15.25	15.53	28.269 E	1.628 E	22.646	1447.7
16.25	16.55	28.387 E	1.555 E	22.744	1447.5
17.25	17.55	28.466 E	1.486 E	22.811	1447.3
18.25	18.52	28.533 E	1.448 E	22.867	1447.3
19.25	19.66	28.627 E	1.372 E	22.946	1447.1
20.25	20.63	28.760 E	1.142 E	23.064	1446.2
21.25	21.64	28.930 F	0.882 E	23.212	1445.3
22.25	22.60	29.099 F	0.582 E	23.361	1444.2
23.25	23.67	29.268 E	0.286 E	23.508	1443.1
24.25	24.63	29.434 F	-0.055 D	23.654	1441.7
25.25	25.64	29.567 F	-0.398 D	23.772	1440.3
26.25	26.73	29.661 F	-0.612 D	23.854	1439.5
27.25	27.73	29.702 F	-0.795 D	23.891	1438.7
28.25	28.75	29.726 F	-0.912 D	23.913	1438.2
29.25	29.78	29.724 F	-1.016 D	23.914	1437.7
30.25	30.79	29.715 F	-1.063 D	23.908	1437.5
31.25	31.74	29.700 E	-1.101 D	23.896	1437.3
32.25	32.80	29.689 E	-1.129 C	23.888	1437.2
33.25	33.81	29.680 E	-1.155 C	23.881	1437.1
34.25	34.81	29.673 E	-1.168 C	23.876	1437.0
35.25	35.85	29.669 E	-1.180 C	23.873	1437.0
36.25	36.84	29.666 E	-1.188 C	23.871	1436.9
37.25	37.82	29.664 E	-1.199 C	23.869	1436.9
38.25	38.91	29.662 E	-1.205 C	23.868	1436.9
39.25	39.83	29.659 E	-1.216 C	23.865	1436.8
40.25	40.84	29.656 E	-1.228 C	23.863	1436.8
41.25	41.92	29.653 E	-1.239 C	23.861	1436.8
42.25	42.89	29.649 E	-1.250 C	23.858	1436.7
43.25	43.90	29.645 E	-1.260 C	23.855	1436.7
44.25	44.98	29.641 E	-1.271 C	23.852	1436.6
45.25	45.96	29.638 E	-1.280 C	23.850	1436.6
46.25	47.03	29.635 E	-1.288 C	23.847	1436.6
47.25	48.00	29.634 E	-1.293 C	23.847	1436.6
48.25	48.93	29.632 E	-1.297 C	23.845	1436.6
49.25	49.98	29.630 E	-1.301 C	23.843	1436.6
50.25	51.05	29.628 E	-1.306 C	23.842	1436.5
51.25	52.05	29.628 E	-1.311 C	23.842	1436.5
52.25	53.04	29.628 E	-1.315 C	23.842	1436.5
53.25	54.00	29.629 E	-1.317 C	23.843	1436.5
54.25	55.12	29.629 E	-1.320 C	23.843	1436.5
55.25	56.06	29.629 E	-1.323 C	23.843	1436.5
56.25	57.13	29.628 E	-1.327 C	23.842	1436.5
57.25	58.07	29.627 E	-1.331 C	23.842	1436.5
58.25	59.11	29.625 E	-1.335 C	23.840	1436.5
59.25	60.09	29.624 E	-1.338 C	23.839	1436.5

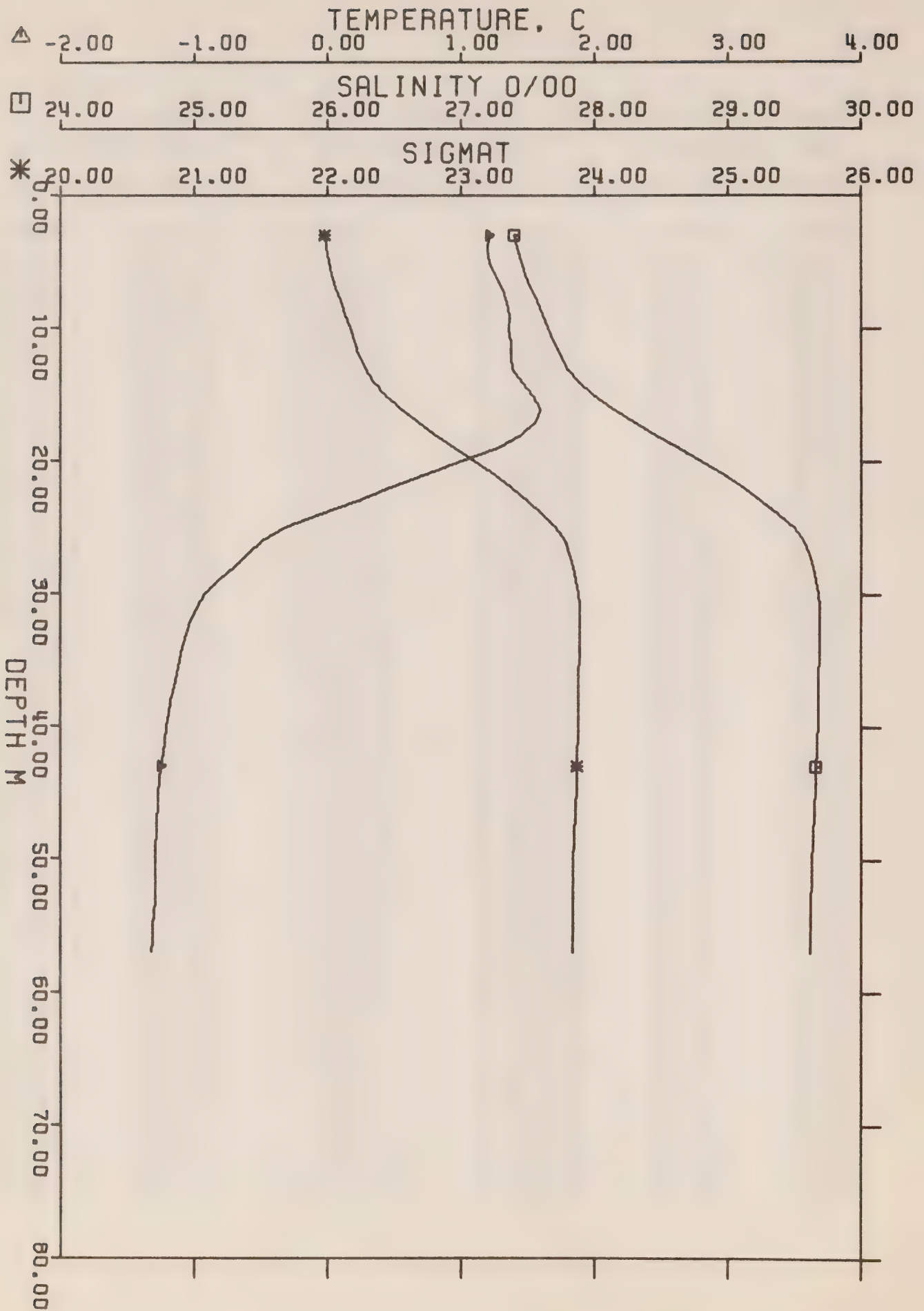
EXPERIMENT 420



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 420
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 240971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.22	27.654 E	1.191 C	22.176	1444.7
4.00	4.28	27.662 E	1.192 C	22.182	1444.7
5.00	5.31	27.658 E	1.192 C	22.179	1444.7
6.00	6.32	27.657 E	1.210 E	22.177	1444.8
7.00	7.29	27.655 E	1.226 E	22.175	1444.9
8.00	8.33	27.654 E	1.250 E	22.173	1445.0
9.00	9.29	27.655 E	1.265 E	22.173	1445.1
10.00	10.35	27.660 E	1.285 E	22.176	1445.2
11.00	11.36	27.679 F	1.320 E	22.190	1445.4
12.00	12.39	27.738 F	1.410 E	22.233	1445.9
13.00	13.34	27.844 G	1.534 E	22.311	1446.6
14.00	14.43	27.989 G	1.627 E	22.423	1447.3
15.00	15.38	28.130 F	1.648 E	22.534	1447.6
16.00	16.44	28.258 F	1.617 E	22.638	1447.6
17.00	17.44	28.370 F	1.565 E	22.730	1447.6
18.00	18.46	28.494 F	1.487 E	22.834	1447.4
19.00	19.45	28.636 F	1.310 E	22.956	1446.8
20.00	20.52	28.805 F	1.047 E	23.104	1445.8
21.00	21.48	28.968 F	0.743 E	23.249	1444.7
22.00	22.54	29.115 F	0.490 E	23.377	1443.8
23.00	23.58	29.234 F	0.239 E	23.483	1442.8
24.00	24.45	29.347 F	-0.003 E	23.582	1441.8
25.00	25.52	29.439 F	-0.262 E	23.665	1440.8
26.00	26.56	29.514 F	-0.434 E	23.730	1440.1
27.00	27.53	29.562 F	-0.602 E	23.774	1439.4
28.00	28.61	29.603 F	-0.735 E	23.810	1438.8
29.00	29.60	29.629 F	-0.859 E	23.834	1438.3
30.00	30.63	29.644 F	-0.936 E	23.848	1438.0
31.00	31.69	29.647 F	-0.983 D	23.851	1437.8
32.00	32.65	29.647 F	-1.027 D	23.852	1437.6
33.00	33.69	29.648 E	-1.062 C	23.854	1437.4
34.00	34.63	29.646 E	-1.083 C	23.852	1437.4
35.00	35.64	29.640 E	-1.100 C	23.848	1437.3
36.00	36.68	29.635 E	-1.116 C	23.844	1437.2
37.00	37.65	29.632 E	-1.141 C	23.842	1437.1
38.00	38.65	29.632 E	-1.172 C	23.843	1437.0
39.00	39.68	29.633 E	-1.197 C	23.844	1436.9
40.00	40.72	29.631 E	-1.215 C	23.843	1436.8
41.00	41.70	29.628 E	-1.222 C	23.841	1436.8
42.00	42.78	29.624 E	-1.232 C	23.837	1436.8
43.00	43.80	29.621 E	-1.240 C	23.835	1436.7
44.00	44.81	29.619 E	-1.247 C	23.834	1436.7
45.00	45.81	29.617 E	-1.252 C	23.832	1436.7
46.00	46.80	29.615 E	-1.257 C	23.831	1436.7
47.00	47.81	29.613 E	-1.266 C	23.829	1436.7
48.00	48.88	29.613 E	-1.274 C	23.829	1436.6
49.00	49.85	29.613 E	-1.281 C	23.829	1436.6
50.00	50.91	29.615 E	-1.286 C	23.831	1436.6
51.00	51.93	29.616 E	-1.289 C	23.832	1436.6
52.00	52.85	29.616 E	-1.292 C	23.832	1436.6
53.00	53.91	29.615 E	-1.296 C	23.831	1436.6
54.00	54.94	29.613 E	-1.306 C	23.830	1436.6
55.00	55.91	29.611 E	-1.315 C	23.828	1436.6
56.00	56.93	29.609 E	-1.321 C	23.827	1436.5
57.00	58.01	29.608 E	-1.322 C	23.826	1436.6
58.00	58.95	29.607 E	-1.323 C	23.825	1436.6
59.00	59.99	29.606 E	-1.326 C	23.824	1436.6

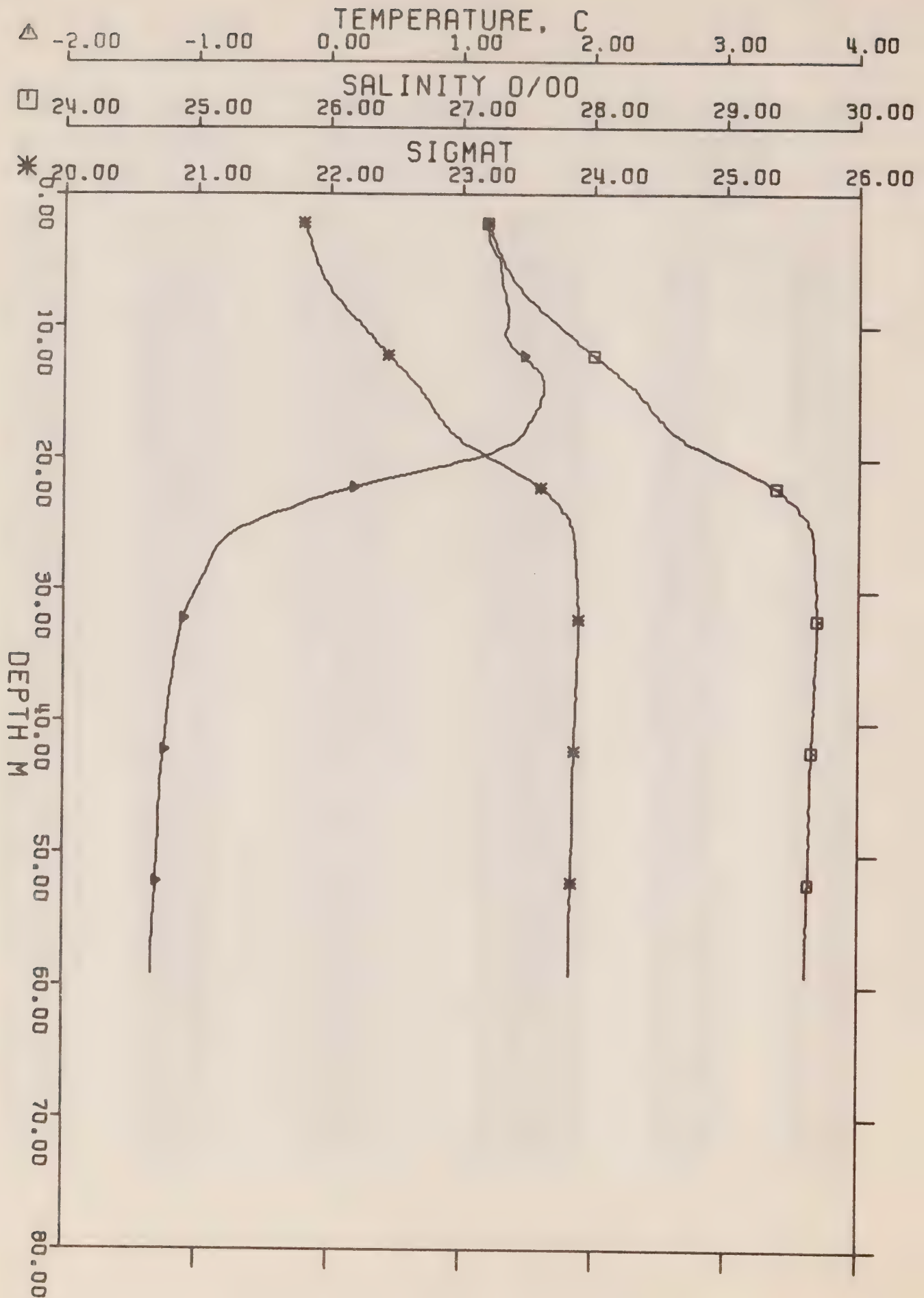
EXPERIMENT 421



CRUISE 02-71-015 C81 CAMBRIDGE BAY EXPER. NO. 421
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 250971 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.12	27.405 E	1.209 D	21.976	1444.4
4.00	4.20	27.425 E	1.202 D	21.992	1444.4
5.00	5.19	27.450 E	1.216 D	22.011	1444.5
6.00	6.15	27.482 E	1.266 D	22.035	1444.8
7.00	7.20	27.522 E	1.323 D	22.064	1445.1
8.00	8.13	27.566 E	1.353 E	22.098	1445.3
9.00	9.19	27.613 E	1.369 E	22.135	1445.5
10.00	10.25	27.652 E	1.365 E	22.166	1445.6
11.00	11.24	27.694 E	1.382 E	22.199	1445.7
12.00	12.23	27.738 E	1.378 E	22.234	1445.8
13.00	13.23	27.795 E	1.392 E	22.279	1445.9
14.00	14.25	27.877 F	1.457 E	22.342	1446.3
15.00	15.32	27.989 F	1.538 E	22.427	1446.9
16.00	16.31	28.133 F	1.596 F	22.539	1447.3
17.00	17.33	28.290 F	1.561 F	22.667	1447.4
18.00	18.34	28.452 E	1.446 E	22.802	1447.1
19.00	19.33	28.627 E	1.277 E	22.951	1446.6
20.00	20.36	28.801 E	1.000 E	23.103	1445.6
21.00	21.33	28.973 F	0.739 E	23.253	1444.7
22.00	22.41	29.118 F	0.473 E	23.380	1443.7
23.00	23.37	29.254 F	0.228 E	23.499	1442.8
24.00	24.36	29.385 F	-0.050 E	23.614	1441.7
25.00	25.39	29.497 F	-0.324 E	23.713	1440.6
26.00	26.41	29.575 F	-0.489 E	23.781	1439.9
27.00	27.46	29.611 F	-0.603 E	23.813	1439.5
28.00	28.44	29.638 F	-0.696 E	23.837	1439.1
29.00	29.49	29.662 F	-0.816 C	23.860	1438.6
30.00	30.49	29.682 F	-0.916 C	23.878	1438.1
31.00	31.43	29.691 F	-0.984 C	23.887	1437.8
32.00	32.47	29.693 E	-1.028 C	23.889	1437.7
33.00	33.56	29.693 E	-1.061 C	23.890	1437.5
34.00	34.50	29.691 E	-1.089 C	23.889	1437.4
35.00	35.48	29.686 E	-1.109 C	23.885	1437.3
36.00	36.57	29.682 E	-1.131 C	23.882	1437.2
37.00	37.63	29.680 E	-1.155 C	23.881	1437.1
38.00	38.54	29.679 E	-1.177 C	23.881	1437.0
39.00	39.63	29.678 E	-1.194 C	23.880	1437.0
40.00	40.61	29.676 E	-1.206 C	23.879	1436.9
41.00	41.63	29.671 E	-1.220 C	23.875	1436.9
42.00	42.63	29.667 E	-1.233 C	23.872	1436.8
43.00	43.63	29.663 E	-1.246 C	23.869	1436.8
44.00	44.64	29.661 E	-1.256 C	23.868	1436.7
45.00	45.63	29.658 E	-1.267 C	23.866	1436.7
46.00	46.69	29.655 E	-1.274 C	23.863	1436.7
47.00	47.74	29.650 E	-1.280 C	23.859	1436.6
48.00	48.68	29.644 E	-1.283 C	23.855	1436.6
49.00	49.76	29.638 E	-1.286 C	23.850	1436.6
50.00	50.72	29.632 E	-1.287 C	23.845	1436.6
51.00	51.73	29.627 E	-1.287 C	23.841	1436.6
52.00	52.71	29.625 E	-1.290 C	23.839	1436.6
53.00	53.78	29.624 E	-1.294 C	23.839	1436.6
54.00	54.78	29.624 E	-1.301 C	23.839	1436.6
55.00	55.77	29.624 E	-1.308 C	23.839	1436.6
56.00	56.80	29.623 E	-1.315 C	23.838	1436.6
57.00	57.85	29.622 E	-1.319 C	23.837	1436.6

EXPERIMENT 422



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 422
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 260971 LOCAL TIME 0930

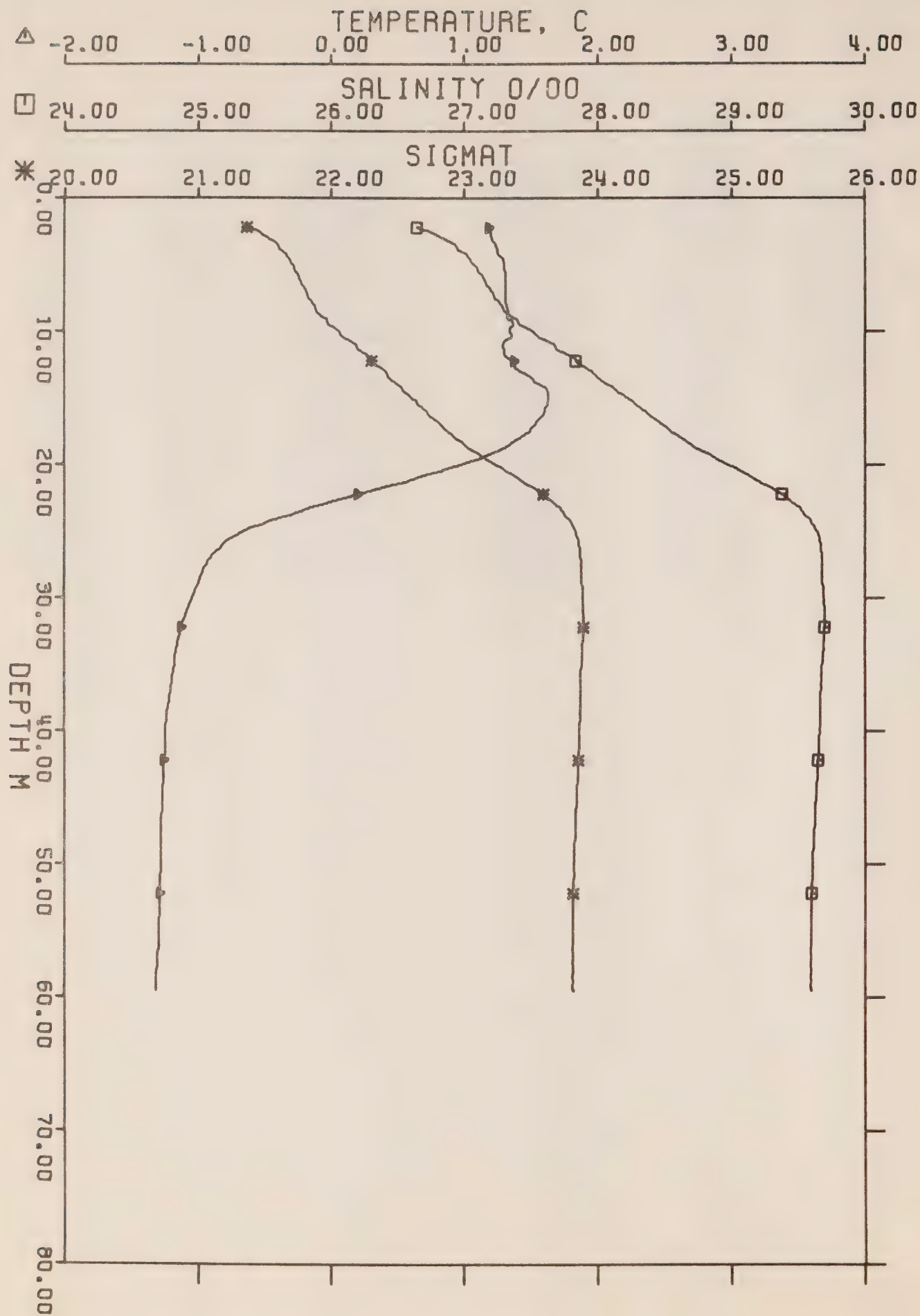
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.25	2.22	27.189 F	1.190 F	21.804	1444.0
2.50	2.44	27.204 F	1.191 F	21.816	1444.0
2.75	2.67	27.210 F	1.193 F	21.820	1444.1
3.00	2.91	27.216 F	1.203 F	21.826	1444.1
3.25	3.23	27.224 F	1.202 F	21.831	1444.1
3.50	3.41	27.242 F	1.203 F	21.846	1444.2
3.75	3.68	27.250 F	1.216 F	21.851	1444.2
4.00	4.02	27.255 F	1.235 F	21.855	1444.3
4.25	4.26	27.262 F	1.244 F	21.860	1444.4
4.50	4.44	27.280 F	1.254 F	21.874	1444.5
4.75	4.72	27.290 F	1.272 F	21.881	1444.6
5.00	5.02	27.300 F	1.291 F	21.888	1444.7
5.25	5.19	27.308 F	1.293 F	21.894	1444.7
5.50	5.48	27.322 F	1.288 F	21.906	1444.7
5.75	5.74	27.337 F	1.295 F	21.917	1444.7
6.00	5.98	27.357 F	1.304 F	21.933	1444.8
6.25	6.26	27.369 F	1.302 F	21.943	1444.8
6.50	6.49	27.381 F	1.299 F	21.952	1444.8
6.75	6.70	27.397 F	1.298 F	21.965	1444.8
7.00	7.06	27.426 F	1.306 F	21.988	1444.9
7.25	7.22	27.445 F	1.322 F	22.003	1445.0
7.50	7.56	27.459 F	1.330 F	22.013	1445.1
7.75	7.73	27.480 F	1.326 F	22.030	1445.1
8.00	8.04	27.514 F	1.328 F	22.058	1445.2
8.25	8.29	27.540 F	1.341 F	22.078	1445.3
8.50	8.53	27.567 F	1.354 F	22.099	1445.4
8.75	8.71	27.595 F	1.353 F	22.121	1445.4
9.00	9.08	27.623 F	1.355 F	22.143	1445.5
9.25	9.24	27.648 F	1.354 F	22.163	1445.5
9.50	9.59	27.681 F	1.349 F	22.190	1445.5
9.75	9.76	27.715 F	1.342 F	22.218	1445.5
10.00	10.09	27.741 F	1.348 F	22.238	1445.6
10.25	10.25	27.762 F	1.334 F	22.256	1445.6
10.50	10.60	27.797 F	1.324 F	22.284	1445.6
10.75	10.73	27.832 F	1.327 F	22.312	1445.6
11.00	11.06	27.857 F	1.355 F	22.331	1445.8
11.25	11.26	27.880 F	1.369 F	22.348	1445.9
11.50	11.55	27.913 F	1.379 F	22.374	1446.0
11.75	11.74	27.944 F	1.397 F	22.398	1446.1
12.00	12.10	27.972 F	1.432 F	22.419	1446.3
12.25	12.25	28.004 F	1.466 F	22.443	1446.5
12.50	12.54	28.042 F	1.494 F	22.472	1446.7
12.75	12.80	28.071 F	1.516 F	22.494	1446.8
13.00	13.09	28.099 F	1.543 F	22.515	1447.0
13.25	13.28	28.131 F	1.573 F	22.539	1447.2
13.50	13.53	28.168 F	1.597 F	22.567	1447.4
13.75	13.89	28.195 F	1.612 F	22.588	1447.5
14.00	14.09	28.219 F	1.621 F	22.607	1447.5
14.25	14.28	28.245 F	1.618 F	22.628	1447.6
14.50	14.65	28.280 F	1.618 F	22.656	1447.6
14.75	14.86	28.308 F	1.616 F	22.678	1447.7
15.00	15.08	28.327 F	1.618 F	22.693	1447.7
15.25	15.35	28.345 F	1.606 F	22.708	1447.7
15.50	15.60	28.371 F	1.595 F	22.730	1447.7
15.75	15.83	28.398 F	1.592 F	22.751	1447.7
16.00	16.11	28.412 F	1.586 F	22.763	1447.7
16.25	16.36	28.429 F	1.564 F	22.778	1447.6
16.50	16.66	28.449 F	1.547 F	22.794	1447.6
16.75	16.83	28.474 F	1.538 F	22.815	1447.6
17.00	17.12	28.493 F	1.526 F	22.831	1447.5
17.25	17.36	28.518 F	1.510 F	22.852	1447.5
17.50	17.66	28.542 F	1.494 F	22.872	1447.5
17.75	17.93	28.562 F	1.482 F	22.883	1447.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
18.00	18.13	28.590 F	1.466 F	22.912	1447.4
18.25	18.45	28.628 F	1.447 F	22.943	1447.4
18.50	18.71	28.670 F	1.424 F	22.978	1447.3
18.75	18.94	28.695 F	1.387 F	23.000	1447.2
19.00	19.19	28.740 F	1.334 F	23.038	1447.0
19.25	19.40	28.798 F	1.277 F	23.088	1446.9
19.50	19.66	28.858 F	1.239 F	23.138	1446.8
19.75	19.95	28.889 F	1.178 F	23.165	1446.5
20.00	20.20	28.941 F	1.095 F	23.211	1446.2
20.25	20.43	29.003 F	0.985 F	23.266	1445.8
20.50	20.68	29.068 F	0.898 F	23.322	1445.5
20.75	20.89	29.106 F	0.791 F	23.357	1445.1
21.00	21.18	29.159 F	0.677 F	23.405	1444.7
21.25	21.41	29.215 F	0.554 D	23.455	1444.2
21.50	21.66	29.269 F	0.463 D	23.502	1443.8
21.75	21.89	29.299 E	0.367 D	23.530	1443.4
22.00	22.18	29.334 F	0.274 D	23.562	1443.1
22.25	22.45	29.378 E	0.177 E	23.601	1442.7
22.50	22.66	29.421 F	0.088 E	23.639	1442.3
22.75	22.99	29.442 E	0.001 E	23.658	1442.0
23.00	23.22	29.462 E	-0.074 E	23.677	1441.6
23.25	23.46	29.499 E	-0.153 E	23.710	1441.3
23.50	23.66	29.533 E	-0.223 F	23.739	1441.1
23.75	23.90	29.547 E	-0.276 E	23.752	1440.8
24.00	24.11	29.553 E	-0.342 E	23.759	1440.5
24.25	24.48	29.584 E	-0.421 F	23.786	1440.2
24.50	24.74	29.607 E	-0.487 F	23.807	1439.9
24.75	24.94	29.616 E	-0.531 F	23.815	1439.8
25.00	25.20	29.620 F	-0.586 F	23.820	1439.5
25.25	25.44	29.637 F	-0.653 E	23.835	1439.2
25.50	25.74	29.647 F	-0.709 F	23.845	1439.0
25.75	25.99	29.654 F	-0.740 E	23.851	1438.8
26.00	26.22	29.656 F	-0.780 F	23.854	1438.7
26.25	26.49	29.662 F	-0.812 F	23.859	1438.5
26.50	26.71	29.662 F	-0.834 F	23.860	1438.4
26.75	26.99	29.664 F	-0.851 E	23.862	1438.4
27.00	27.27	29.665 F	-0.866 F	23.863	1438.3
27.25	27.51	29.666 F	-0.878 E	23.864	1438.2
27.50	27.72	29.666 F	-0.891 E	23.865	1438.2
27.75	27.99	29.667 F	-0.902 F	23.866	1438.1
28.00	28.25	29.667 F	-0.913 F	23.866	1438.1
28.25	28.48	29.671 E	-0.924 E	23.869	1438.0
28.50	28.79	29.673 E	-0.933 E	23.871	1438.0
28.75	29.04	29.670 E	-0.942 E	23.869	1438.0
29.00	29.26	29.670 E	-0.956 E	23.869	1437.9
29.25	29.51	29.678 E	-0.970 E	23.876	1437.9
29.50	29.75	29.682 E	-0.981 F	23.879	1437.8
29.75	30.08	29.677 E	-0.993 F	23.876	1437.8
30.00	30.34	29.677 F	-1.010 E	23.876	1437.7
30.25	30.55	29.686 E	-1.024 E	23.884	1437.6
30.50	30.86	29.689 E	-1.034 E	23.886	1437.6
30.75	31.06	29.685 E	-1.045 F	23.883	1437.5
31.00	31.27	29.685 F	-1.060 E	23.883	1437.5
31.25	31.55	29.691 F	-1.073 C	23.889	1437.4
31.50	31.79	29.693 F	-1.082 C	23.890	1437.4
31.75	32.02	29.691 E	-1.089 C	23.889	1437.4
32.00	32.30	29.691 E	-1.097 C	23.889	1437.3
32.25	32.58	29.693 E	-1.104 C	23.891	1437.3
32.50	32.83	29.692 E	-1.113 C	23.890	1437.3
32.75	33.07	29.694 E	-1.119 C	23.892	1437.2
33.00	33.30	29.693 E	-1.123 C	23.891	1437.2
33.25	33.59	29.692 E	-1.128 C	23.890	1437.2
33.50	33.88	29.691 E	-1.135 C	23.890	1437.2
33.75	34.07	29.691 F	-1.140 C	23.890	1437.1
34.00	34.38	29.691 E	-1.143 C	23.890	1437.1
34.25	34.63	29.688 E	-1.148 C	23.888	1437.1
34.50	34.84	29.686 E	-1.155 C	23.886	1437.1
34.75	35.11	29.685 E	-1.160 C	23.885	1437.1
35.00	35.32	29.686 E	-1.163 C	23.886	1437.0
35.25	35.55	29.683 E	-1.166 C	23.884	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.50	35.86	29.681 F	-1.169 C	23.882	1437.0
35.75	36.11	29.679 F	-1.173 C	23.881	1437.0
36.00	36.38	29.680 F	-1.175 C	23.882	1437.0
36.25	36.62	29.679 F	-1.178 C	23.881	1437.0
36.50	36.84	29.675 F	-1.182 C	23.878	1437.0
36.75	37.10	29.674 F	-1.185 C	23.877	1437.0
37.00	37.35	29.674 F	-1.188 C	23.877	1436.9
37.25	37.66	29.675 F	-1.193 C	23.879	1436.9
37.50	37.84	29.671 F	-1.196 C	23.875	1436.9
37.75	38.17	29.670 F	-1.200 C	23.874	1436.9
38.00	38.40	29.669 F	-1.203 C	23.873	1436.9
38.25	38.64	29.673 F	-1.206 C	23.877	1436.9
38.50	38.91	29.667 F	-1.207 C	23.872	1436.9
38.75	39.09	29.666 F	-1.208 C	23.871	1436.9
39.00	39.40	29.665 F	-1.212 C	23.870	1436.9
39.25	39.61	29.668 F	-1.216 C	23.873	1436.8
39.50	39.90	29.663 F	-1.218 C	23.869	1436.8
39.75	40.11	29.662 F	-1.219 C	23.868	1436.8
40.00	40.41	29.662 F	-1.223 C	23.868	1436.8
40.25	40.66	29.662 F	-1.225 C	23.868	1436.8
40.50	40.95	29.657 F	-1.227 C	23.864	1436.8
40.75	41.19	29.657 F	-1.229 C	23.864	1436.8
41.00	41.40	29.658 F	-1.232 C	23.865	1436.8
41.25	41.65	29.657 F	-1.235 C	23.864	1436.8
41.50	41.93	29.652 F	-1.237 C	23.860	1436.8
41.75	42.17	29.651 F	-1.240 C	23.859	1436.7
42.00	42.38	29.653 F	-1.242 C	23.861	1436.7
42.25	42.66	29.652 F	-1.244 C	23.860	1436.7
42.50	42.93	29.648 F	-1.247 C	23.857	1436.7
42.75	43.18	29.647 F	-1.250 C	23.856	1436.7
43.00	43.47	29.648 F	-1.253 C	23.857	1436.7
43.25	43.75	29.648 F	-1.256 C	23.857	1436.7
43.50	44.01	29.645 F	-1.259 C	23.855	1436.7
43.75	44.24	29.644 F	-1.262 C	23.854	1436.7
44.00	44.51	29.644 F	-1.264 C	23.854	1436.7
44.25	44.78	29.644 F	-1.266 C	23.854	1436.7
44.50	45.00	29.642 F	-1.269 C	23.853	1436.6
44.75	45.20	29.641 F	-1.271 C	23.852	1436.6
45.00	45.52	29.641 F	-1.272 C	23.852	1436.6
45.25	45.70	29.640 F	-1.272 C	23.851	1436.6
45.50	45.95	29.633 F	-1.274 C	23.850	1436.6
45.75	46.22	29.638 F	-1.275 C	23.850	1436.6
46.00	46.46	29.638 F	-1.275 C	23.850	1436.6
46.25	46.74	29.637 F	-1.276 C	23.849	1436.6
46.50	46.98	29.635 F	-1.277 C	23.847	1436.6
46.75	47.26	29.635 F	-1.277 C	23.847	1436.6
47.00	47.58	29.637 F	-1.278 C	23.849	1436.6
47.25	47.72	29.637 F	-1.278 C	23.849	1436.6
47.50	47.98	29.634 F	-1.279 C	23.846	1436.6
47.75	48.24	29.634 F	-1.280 C	23.846	1436.6
48.00	48.52	29.637 F	-1.282 C	23.849	1436.6
48.25	48.83	29.637 F	-1.282 C	23.849	1436.6
48.50	49.08	29.634 F	-1.283 C	23.846	1436.6
48.75	49.29	29.633 F	-1.284 C	23.846	1436.6
49.00	49.57	29.635 F	-1.286 C	23.847	1436.6
49.25	49.82	29.636 F	-1.286 C	23.848	1436.6
49.50	50.05	29.634 F	-1.288 C	23.846	1436.6
49.75	50.26	29.632 F	-1.289 C	23.845	1436.6
50.00	50.57	29.633 F	-1.292 C	23.846	1436.6
50.25	50.81	29.632 F	-1.292 C	23.845	1436.6
50.50	51.04	29.631 F	-1.294 C	23.844	1436.6
50.75	51.32	29.630 F	-1.295 C	23.843	1436.6
51.00	51.54	29.629 F	-1.297 C	23.843	1436.6
51.25	51.84	29.628 F	-1.297 C	23.842	1436.6
51.50	52.13	29.626 F	-1.298 C	23.840	1436.6
51.75	52.35	29.626 F	-1.300 C	23.840	1436.6
52.00	52.59	29.626 F	-1.301 C	23.840	1436.6
52.25	52.78	29.625 F	-1.302 C	23.839	1436.6
52.50	53.06	29.621 F	-1.304 C	23.836	1436.6
52.75	53.34	29.622 F	-1.305 C	23.837	1436.6

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
53.00	53.57	29.623 E	-1.305 C	23.838	1436.6
53.25	53.86	29.624 E	-1.306 C	23.839	1436.6
53.50	54.09	29.619 E	-1.308 C	23.835	1436.6
53.75	54.41	29.619 E	-1.309 C	23.835	1436.6
54.00	54.61	29.621 E	-1.311 C	23.836	1436.6
54.25	54.81	29.621 E	-1.311 C	23.836	1436.6
54.50	55.08	29.617 E	-1.314 C	23.833	1436.6
54.75	55.31	29.617 E	-1.316 C	23.833	1436.6
55.00	55.62	29.619 E	-1.318 C	23.835	1436.6
55.25	55.90	29.618 E	-1.319 C	23.834	1436.6
55.50	56.08	29.615 E	-1.320 C	23.832	1436.5
55.75	56.33	29.615 E	-1.322 C	23.832	1436.5
56.00	56.58	29.617 E	-1.324 C	23.833	1436.5
56.25	56.89	29.614 E	-1.324 C	23.831	1436.5
56.50	57.13	29.614 E	-1.326 C	23.831	1436.5
56.75	57.36	29.614 E	-1.327 C	23.831	1436.5
57.00	57.63	29.615 E	-1.328 C	23.832	1436.5
57.25	57.90	29.612 E	-1.329 C	23.829	1436.5
57.50	58.13	29.613 E	-1.330 C	23.830	1436.5
57.75	58.41	29.614 E	-1.331 C	23.831	1436.5
58.00	58.65	29.613 E	-1.331 C	23.830	1436.5
58.25	58.88	29.611 E	-1.332 C	23.829	1436.5
58.50	59.14	29.611 E	-1.333 C	23.829	1436.5
58.75	59.39	29.613 E	-1.333 C	23.830	1436.5
59.00	59.67	29.610 E	-1.334 C	23.828	1436.5
59.25	59.92	29.611 E	-1.335 C	23.829	1436.5

EXPERIMENT 423



CRUISE 02-71-015 CRI CAMBRIDGE BAY EXPER. NO. 423
 LAT. N69 05.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 270971 LOCAL TIME 0930

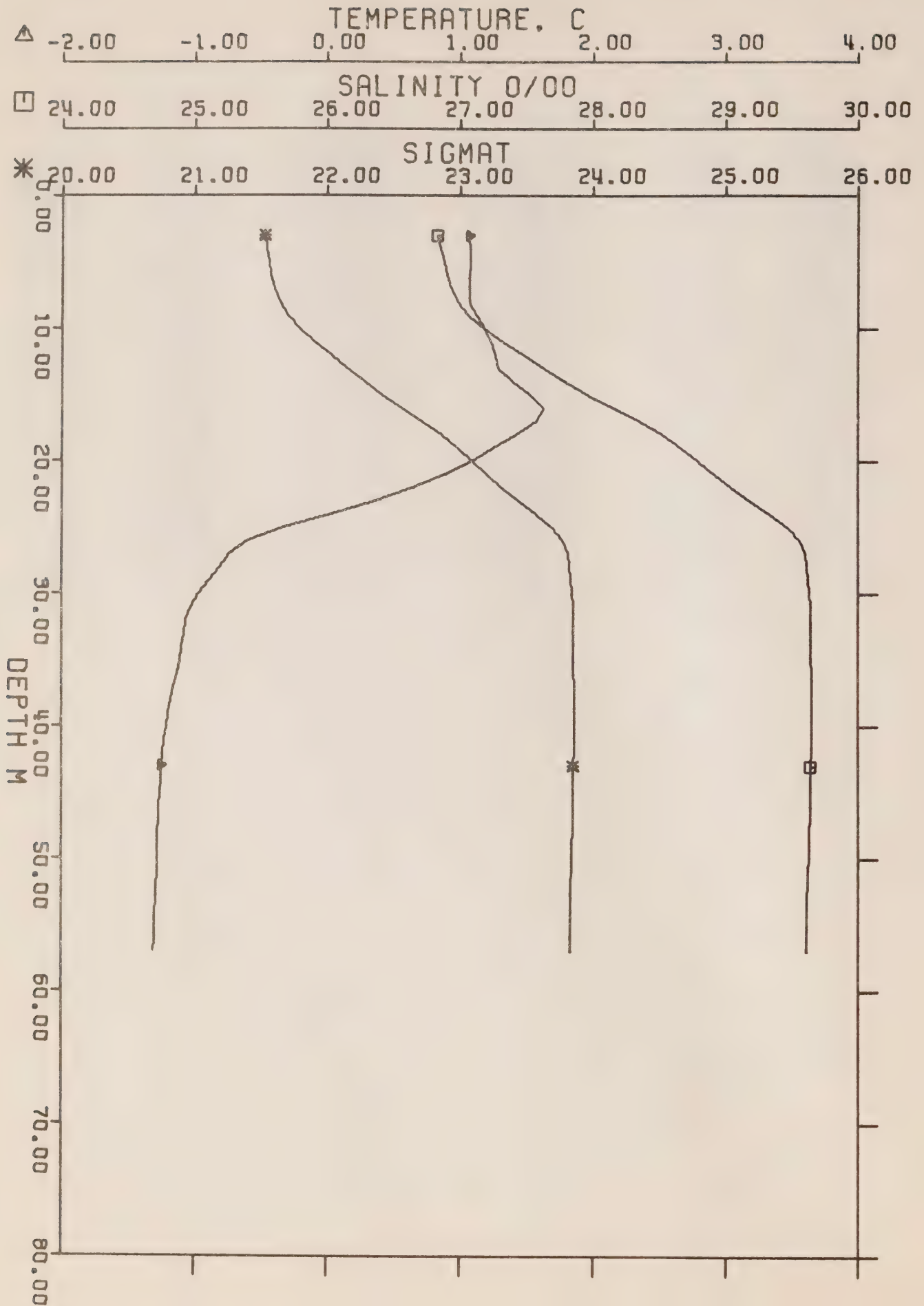
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.25	2.24	26.651 F	1.191 F	21.373	1443.3
2.50	2.50	26.755 F	1.206 F	21.456	1443.5
2.75	2.76	26.786 F	1.214 F	21.480	1443.6
3.00	3.09	26.848 F	1.218 F	21.530	1443.7
3.25	3.31	26.893 F	1.226 F	21.565	1443.8
3.50	3.55	26.939 F	1.249 F	21.601	1444.0
3.75	3.84	26.949 F	1.258 F	21.609	1444.0
4.00	4.05	26.993 F	1.264 F	21.644	1444.1
4.25	4.31	27.017 F	1.274 F	21.662	1444.2
4.50	4.62	27.041 F	1.297 F	21.681	1444.3
4.75	4.77	27.051 F	1.307 F	21.688	1444.4
5.00	5.10	27.080 F	1.310 F	21.711	1444.4
5.25	5.25	27.096 E	1.315 E	21.724	1444.5
5.50	5.58	27.110 E	1.324 E	21.734	1444.6
5.75	5.85	27.126 E	1.321 E	21.747	1444.6
6.00	6.08	27.146 E	1.320 E	21.763	1444.6
6.25	6.34	27.158 E	1.319 E	21.773	1444.6
6.50	6.55	27.170 E	1.320 E	21.783	1444.6
6.75	6.85	27.191 E	1.320 E	21.799	1444.7
7.00	7.05	27.210 E	1.320 F	21.815	1444.7
7.25	7.31	27.218 F	1.322 F	21.821	1444.7
7.50	7.56	27.229 F	1.325 F	21.830	1444.8
7.75	7.83	27.257 F	1.325 F	21.852	1444.8
8.00	8.07	27.281 F	1.330 F	21.871	1444.9
8.25	8.36	27.290 F	1.341 F	21.878	1444.9
8.50	8.60	27.306 F	1.345 F	21.890	1445.0
8.75	8.85	27.348 F	1.332 F	21.925	1445.0
9.00	9.08	27.387 F	1.333 F	21.956	1445.0
9.25	9.35	27.401 F	1.369 F	21.965	1445.2
9.50	9.58	27.423 F	1.376 F	21.982	1445.3
9.75	9.84	27.475 F	1.354 F	22.025	1445.3
10.00	10.10	27.522 F	1.347 F	22.063	1445.3
10.25	10.33	27.536 F	1.368 F	22.073	1445.4
10.50	10.63	27.569 F	1.351 F	22.100	1445.4
10.75	10.83	27.629 F	1.306 F	22.151	1445.3
11.00	11.15	27.682 F	1.295 F	22.193	1445.3
11.25	11.41	27.693 F	1.315 F	22.201	1445.4
11.50	11.61	27.728 F	1.313 F	22.229	1445.4
11.75	11.93	27.782 F	1.306 F	22.273	1445.5
12.00	12.15	27.828 F	1.336 F	22.308	1445.7
12.25	12.39	27.837 G	1.380 G	22.313	1445.9
12.50	12.65	27.868 G	1.392 G	22.338	1446.0
12.75	12.87	27.920 G	1.391 G	22.379	1446.1
13.00	13.11	27.964 G	1.429 G	22.413	1446.3
13.25	13.41	27.981 G	1.482 G	22.424	1446.6
13.50	13.70	28.009 G	1.517 G	22.444	1446.8
13.75	13.89	28.054 G	1.541 G	22.479	1447.0
14.00	14.17	28.093 G	1.579 G	22.508	1447.2
14.25	14.37	28.118 G	1.623 G	22.526	1447.4
14.50	14.71	28.147 G	1.639 G	22.548	1447.5
14.75	14.88	28.190 G	1.637 G	22.583	1447.6
15.00	15.21	28.228 G	1.638 G	22.613	1447.6
15.25	15.47	28.258 F	1.632 E	22.637	1447.7
15.50	15.65	28.289 F	1.626 E	22.662	1447.7
15.75	15.95	28.324 F	1.615 F	22.691	1447.7
16.00	16.15	28.356 F	1.607 E	22.717	1447.7
16.25	16.48	28.387 F	1.589 E	22.743	1447.7
16.50	16.67	28.421 F	1.571 E	22.771	1447.6
16.75	16.93	28.455 F	1.552 E	22.799	1447.6
17.00	17.19	28.487 F	1.535 E	22.826	1447.6
17.25	17.42	28.519 F	1.511 E	22.852	1447.5
17.50	17.71	28.552 F	1.489 E	22.880	1447.5
17.75	17.92	28.587 F	1.461 E	22.909	1447.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
18.00	18.19	28.625 F	1.425 E	22.942	1447.3
18.25	18.46	28.665 F	1.381 E	22.976	1447.1
18.50	18.75	28.703 F	1.338 E	23.008	1447.0
18.75	18.93	28.745 F	1.290 E	23.045	1446.8
19.00	19.17	28.793 F	1.242 E	23.085	1446.7
19.25	19.50	28.838 F	1.194 E	23.124	1446.5
19.50	19.69	28.875 F	1.135 E	23.156	1446.3
19.75	19.99	28.923 F	1.057 E	23.198	1446.0
20.00	20.24	28.974 F	0.975 F	23.243	1445.7
20.25	20.44	29.027 F	0.900 E	23.289	1445.5
20.50	20.72	29.067 E	0.821 F	23.325	1445.2
20.75	21.01	29.117 E	0.730 E	23.369	1444.8
21.00	21.26	29.164 E	0.642 E	23.410	1444.5
21.25	21.54	29.214 F	0.561 E	23.454	1444.2
21.50	21.73	29.251 E	0.473 E	23.487	1443.9
21.75	22.01	29.296 F	0.387 F	23.527	1443.5
22.00	22.24	29.337 E	0.289 F	23.564	1443.1
22.25	22.48	29.377 E	0.197 D	23.599	1442.8
22.50	22.78	29.410 E	0.110 D	23.629	1442.4
22.75	23.00	29.445 E	0.023 D	23.660	1442.1
23.00	23.25	29.481 E	-0.066 D	23.692	1441.7
23.25	23.48	29.507 F	-0.149 D	23.716	1441.4
23.50	23.76	29.533 F	-0.232 D	23.739	1441.0
23.75	23.97	29.555 F	-0.313 D	23.760	1440.7
24.00	24.26	29.582 F	-0.388 D	23.784	1440.4
24.25	24.56	29.594 F	-0.457 D	23.795	1440.1
24.50	24.80	29.613 F	-0.524 D	23.813	1439.8
24.75	25.03	29.624 F	-0.597 D	23.823	1439.5
25.00	25.27	29.642 F	-0.655 D	23.839	1439.2
25.25	25.53	29.647 F	-0.703 D	23.845	1439.0
25.50	25.84	29.658 F	-0.748 D	23.855	1438.8
25.75	26.02	29.663 F	-0.787 D	23.860	1438.6
26.00	26.31	29.668 F	-0.815 D	23.864	1438.5
26.25	26.51	29.669 F	-0.841 D	23.866	1438.4
26.50	26.81	29.675 F	-0.868 D	23.871	1438.3
26.75	27.04	29.677 F	-0.893 D	23.873	1438.2
27.00	27.31	29.677 F	-0.913 D	23.874	1438.1
27.25	27.53	29.679 E	-0.929 D	23.876	1438.0
27.50	27.80	29.681 E	-0.944 D	23.878	1438.0
27.75	28.05	29.682 E	-0.958 D	23.879	1437.9
28.00	28.33	29.680 E	-0.968 D	23.878	1437.8
28.25	28.59	29.684 E	-0.978 D	23.881	1437.8
28.50	28.82	29.683 F	-0.991 D	23.880	1437.8
28.75	29.02	29.685 E	-1.004 D	23.882	1437.7
29.00	29.38	29.683 F	-1.013 D	23.881	1437.7
29.25	29.58	29.690 F	-1.022 D	23.887	1437.6
29.50	29.81	29.689 E	-1.033 D	23.886	1437.6
29.75	30.03	29.693 E	-1.045 D	23.890	1437.5
30.00	30.39	29.690 E	-1.054 D	23.887	1437.5
30.25	30.56	29.697 E	-1.061 D	23.893	1437.5
30.50	30.91	29.695 E	-1.070 D	23.892	1437.4
30.75	31.13	29.700 E	-1.080 D	23.896	1437.4
31.00	31.36	29.696 E	-1.089 D	23.893	1437.3
31.25	31.65	29.700 E	-1.099 D	23.896	1437.3
31.50	31.83	29.699 F	-1.110 D	23.896	1437.3
31.75	32.10	29.704 E	-1.119 D	23.900	1437.2
32.00	32.33	29.701 E	-1.126 D	23.898	1437.2
32.25	32.61	29.702 E	-1.133 C	23.899	1437.2
32.50	32.86	29.698 E	-1.141 C	23.896	1437.1
32.75	33.18	29.702 E	-1.145 C	23.899	1437.1
33.00	33.35	29.701 E	-1.149 C	23.898	1437.1
33.25	33.66	29.698 F	-1.156 C	23.896	1437.1
33.50	33.90	29.694 E	-1.163 C	23.893	1437.0
33.75	34.16	29.695 E	-1.167 C	23.894	1437.0
34.00	34.34	29.696 F	-1.170 C	23.895	1437.0
34.25	34.64	29.693 F	-1.176 C	23.892	1437.0
34.50	34.93	29.688 F	-1.179 C	23.888	1437.0
34.75	35.17	29.686 F	-1.181 C	23.887	1437.0
35.00	35.42	29.689 E	-1.184 C	23.889	1437.0
35.25	35.63	29.685 E	-1.189 C	23.886	1436.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.50	35.96	29.681 F	-1.193 C	23.883	1436.9
36.75	36.19	29.678 F	-1.126 C	23.880	1436.9
36.00	36.42	29.682 F	-1.200 C	23.884	1436.9
36.25	36.64	29.678 F	-1.204 C	23.881	1436.9
36.50	36.96	29.675 F	-1.206 C	23.878	1436.9
36.75	37.18	29.673 F	-1.210 C	23.877	1436.8
37.00	37.41	29.676 F	-1.214 C	23.879	1436.8
37.25	37.70	29.675 F	-1.217 C	23.878	1436.8
37.50	37.98	29.671 F	-1.221 C	23.875	1436.8
37.75	38.19	29.671 F	-1.225 C	23.875	1436.8
38.00	38.50	29.672 F	-1.229 C	23.876	1436.8
38.25	38.71	29.673 F	-1.233 C	23.877	1436.8
38.50	38.96	29.669 F	-1.236 C	23.874	1436.7
38.75	39.18	29.669 F	-1.240 C	23.874	1436.7
39.00	39.52	29.668 F	-1.243 C	23.873	1436.7
39.25	39.68	29.671 F	-1.245 C	23.876	1436.7
39.50	39.99	29.667 F	-1.246 C	23.872	1436.7
39.75	40.19	29.666 F	-1.248 C	23.872	1436.7
40.00	40.50	29.664 F	-1.250 C	23.870	1436.7
40.25	40.77	29.666 F	-1.251 C	23.872	1436.7
40.50	40.93	29.663 F	-1.251 C	23.869	1436.7
40.75	41.25	29.661 F	-1.253 C	23.868	1436.7
41.00	41.45	29.659 F	-1.253 C	23.866	1436.7
41.25	41.79	29.659 F	-1.254 C	23.866	1436.7
41.50	41.95	29.659 F	-1.254 C	23.866	1436.7
41.75	42.29	29.656 F	-1.255 C	23.864	1436.7
42.00	42.45	29.655 F	-1.256 C	23.863	1436.7
42.25	42.77	29.654 F	-1.257 C	23.862	1436.7
42.50	43.05	29.655 F	-1.258 C	23.863	1436.7
42.75	43.23	29.652 F	-1.260 C	23.861	1436.7
43.00	43.50	29.651 F	-1.261 C	23.860	1436.7
43.25	43.79	29.649 F	-1.262 C	23.858	1436.7
43.50	44.06	29.650 F	-1.264 C	23.859	1436.7
43.75	44.28	29.648 F	-1.265 C	23.857	1436.7
44.00	44.48	29.645 F	-1.266 C	23.855	1436.7
44.25	44.75	29.644 F	-1.268 C	23.854	1436.6
44.50	45.03	29.643 F	-1.269 C	23.853	1436.6
44.75	45.30	29.642 F	-1.270 C	23.853	1436.6
45.00	45.50	29.639 F	-1.271 C	23.850	1436.6
45.25	45.78	29.638 F	-1.272 C	23.849	1436.6
45.50	46.05	29.635 F	-1.273 C	23.847	1436.6
45.75	46.33	29.634 F	-1.274 C	23.846	1436.6
46.00	46.49	29.631 F	-1.275 C	23.844	1436.6
46.25	46.83	29.632 F	-1.277 C	23.845	1436.6
46.50	47.06	29.628 F	-1.277 C	23.841	1436.6
46.75	47.33	29.627 F	-1.278 C	23.841	1436.6
47.00	47.56	29.625 F	-1.278 C	23.839	1436.6
47.25	47.84	29.626 F	-1.279 C	23.840	1436.6
47.50	48.09	29.622 F	-1.280 C	23.837	1436.6
47.75	48.36	29.621 F	-1.280 C	23.836	1436.6
48.00	48.54	29.620 F	-1.280 C	23.835	1436.6
48.25	48.84	29.621 F	-1.281 C	23.836	1436.6
48.50	49.08	29.618 F	-1.282 C	23.833	1436.6
48.75	49.34	29.618 F	-1.282 C	23.833	1436.6
49.00	49.61	29.616 F	-1.282 C	23.832	1436.6
49.25	49.81	29.615 F	-1.283 C	23.831	1436.6
49.50	50.13	29.612 F	-1.283 C	23.829	1436.6
49.75	50.32	29.615 F	-1.284 C	23.831	1436.6
50.00	50.59	29.612 F	-1.284 C	23.829	1436.6
50.25	50.89	29.612 F	-1.285 C	23.827	1436.6
50.50	51.13	29.607 F	-1.285 C	23.825	1436.6
50.75	51.31	29.611 F	-1.286 C	23.828	1436.6
51.00	51.66	29.608 F	-1.286 C	23.825	1436.6
51.25	51.93	29.606 F	-1.287 C	23.824	1436.6
51.50	52.10	29.603 F	-1.287 C	23.821	1436.6
51.75	52.38	29.605 F	-1.287 C	23.823	1436.6
52.00	52.59	29.604 F	-1.288 C	23.822	1436.6
52.25	52.85	29.603 F	-1.289 C	23.821	1436.6
52.50	53.11	29.600 F	-1.290 C	23.819	1436.6
52.75	53.40	29.601 F	-1.290 C	23.820	1436.6

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
53.00	53.63	29.602 E	-1.292 C	23.821	1436.6
53.25	53.88	29.601 E	-1.293 C	23.820	1436.6
53.50	54.19	29.599 E	-1.294 C	23.818	1436.6
53.75	54.37	29.598 E	-1.294 C	23.817	1436.6
54.00	54.62	29.601 E	-1.296 C	23.820	1436.6
54.25	54.89	29.599 E	-1.297 C	23.818	1436.6
54.50	55.16	29.597 E	-1.297 C	23.817	1436.6
54.75	55.43	29.596 E	-1.299 C	23.816	1436.6
55.00	55.64	29.601 E	-1.300 C	23.820	1436.6
55.25	55.89	29.598 E	-1.300 C	23.818	1436.6
55.50	56.14	29.596 E	-1.301 C	23.816	1436.6
55.75	56.41	29.596 E	-1.303 C	23.816	1436.6
56.00	56.68	29.601 E	-1.304 C	23.820	1436.6
56.25	56.92	29.598 E	-1.304 C	23.818	1436.6
56.50	57.25	29.594 E	-1.306 C	23.814	1436.6
56.75	57.46	29.595 E	-1.308 C	23.815	1436.6
57.00	57.72	29.600 E	-1.310 C	23.819	1436.6
57.25	57.96	29.599 E	-1.310 C	23.819	1436.6
57.50	58.21	29.593 E	-1.312 C	23.814	1436.6
57.75	58.47	29.595 E	-1.314 C	23.815	1436.6
58.00	58.74	29.600 E	-1.316 C	23.819	1436.6
58.25	58.95	29.597 E	-1.317 C	23.817	1436.6
58.50	59.20	29.594 E	-1.319 C	23.815	1436.6
58.75	59.46	29.599 E	-1.320 C	23.819	1436.6
59.00	59.68	29.600 E	-1.322 C	23.820	1436.6
59.25	59.98	29.593 E	-1.324 C	23.814	1436.6
59.50	60.30	29.597 E	-1.325 C	23.817	1436.6

EXPERIMENT 424



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 424
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 280971 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.22	26.835 F	1.072 C	21.525	1443.0
4.00	4.25	26.853 F	1.077 C	21.540	1443.1
5.00	5.22	26.875 F	1.077 C	21.557	1443.1
6.00	6.23	26.897 F	1.074 C	21.575	1443.1
7.00	7.34	26.927 F	1.072 C	21.599	1443.2
8.00	8.28	26.978 F	1.075 C	21.640	1443.3
9.00	9.26	27.059 E	1.126 E	21.702	1443.6
10.00	10.33	27.176 E	1.194 F	21.793	1444.1
11.00	11.27	27.318 E	1.245 E	21.905	1444.6
12.00	12.29	27.480 E	1.270 E	22.033	1444.9
13.00	13.34	27.633 E	1.294 E	22.154	1445.3
14.00	14.34	27.795 E	1.400 E	22.279	1446.0
15.00	15.35	27.962 F	1.528 E	22.406	1446.8
16.00	16.36	28.158 F	1.630 F	22.557	1447.5
17.00	17.38	28.350 F	1.571 F	22.714	1447.5
18.00	18.36	28.525 F	1.425 F	22.862	1447.1
19.00	19.40	28.662 F	1.247 E	22.980	1446.5
20.00	20.40	28.787 F	1.088 D	23.088	1446.0
21.00	21.40	28.910 F	0.876 D	23.196	1445.2
22.00	22.50	29.044 F	0.643 D	23.314	1444.4
23.00	23.45	29.184 F	0.362 D	23.438	1443.3
24.00	24.39	29.333 F	0.032 D	23.570	1442.0
25.00	25.53	29.467 G	-0.329 D	23.689	1440.5
26.00	26.53	29.559 G	-0.596 E	23.771	1439.4
27.00	27.51	29.600 G	-0.736 E	23.808	1438.8
28.00	28.58	29.613 E	-0.811 F	23.820	1438.5
29.00	29.52	29.622 E	-0.888 E	23.829	1438.2
30.00	30.48	29.633 E	-0.969 F	23.840	1437.8
31.00	31.52	29.640 E	-1.029 C	23.847	1437.6
32.00	32.62	29.641 E	-1.066 C	23.848	1437.4
33.00	33.57	29.640 E	-1.083 C	23.848	1437.3
34.00	34.58	29.641 E	-1.098 C	23.849	1437.3
35.00	35.63	29.644 E	-1.114 C	23.851	1437.2
36.00	36.65	29.647 E	-1.134 C	23.854	1437.2
37.00	37.61	29.650 E	-1.158 C	23.857	1437.1
38.00	38.64	29.651 E	-1.177 C	23.858	1437.0
39.00	39.64	29.652 E	-1.196 C	23.859	1436.9
40.00	40.68	29.651 E	-1.209 C	23.859	1436.9
41.00	41.69	29.649 E	-1.228 C	23.858	1436.8
42.00	42.64	29.646 E	-1.241 C	23.855	1436.7
43.00	43.67	29.644 E	-1.250 C	23.854	1436.7
44.00	44.72	29.642 E	-1.255 C	23.852	1436.7
45.00	45.74	29.641 E	-1.261 C	23.852	1436.7
46.00	46.71	29.640 E	-1.270 C	23.851	1436.7
47.00	47.77	29.638 E	-1.275 C	23.850	1436.7
48.00	48.79	29.634 E	-1.277 C	23.846	1436.7
49.00	49.76	29.629 E	-1.276 C	23.842	1436.7
50.00	50.81	29.625 E	-1.279 C	23.839	1436.7
51.00	51.80	29.622 E	-1.284 C	23.837	1436.7
52.00	52.75	29.617 E	-1.289 C	23.833	1436.6
53.00	53.82	29.614 E	-1.292 C	23.830	1436.6
54.00	54.89	29.611 E	-1.296 C	23.828	1436.6
55.00	55.84	29.610 E	-1.298 C	23.827	1436.6
56.00	56.86	29.610 E	-1.302 C	23.827	1436.6
57.00	57.90	29.610 E	-1.307 C	23.827	1436.6

EXPERIMENT 426

60

TEMPERATURE, C

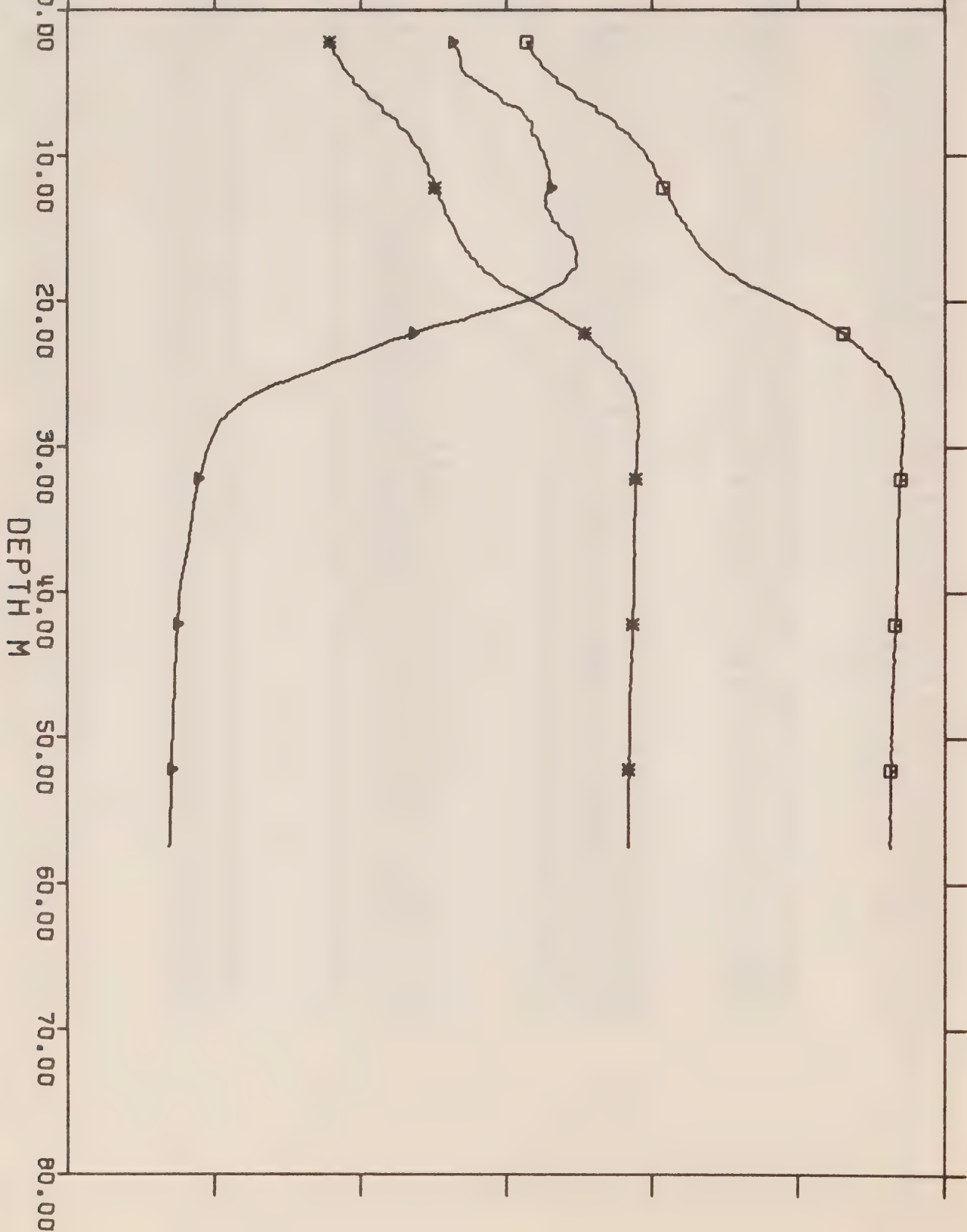
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SALINITY 0/00

24.00 25.00 26.00 27.00 28.00 29.00 30.00

SIGMAT

20.00 21.00 22.00 23.00 24.00 25.00 26.00



CRUISE 02-71-015 C81

CAMBRIDGE BAY

EXPER. NO. 426

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INC. 0.25

DATE 300971

LOCAL TIME 0930

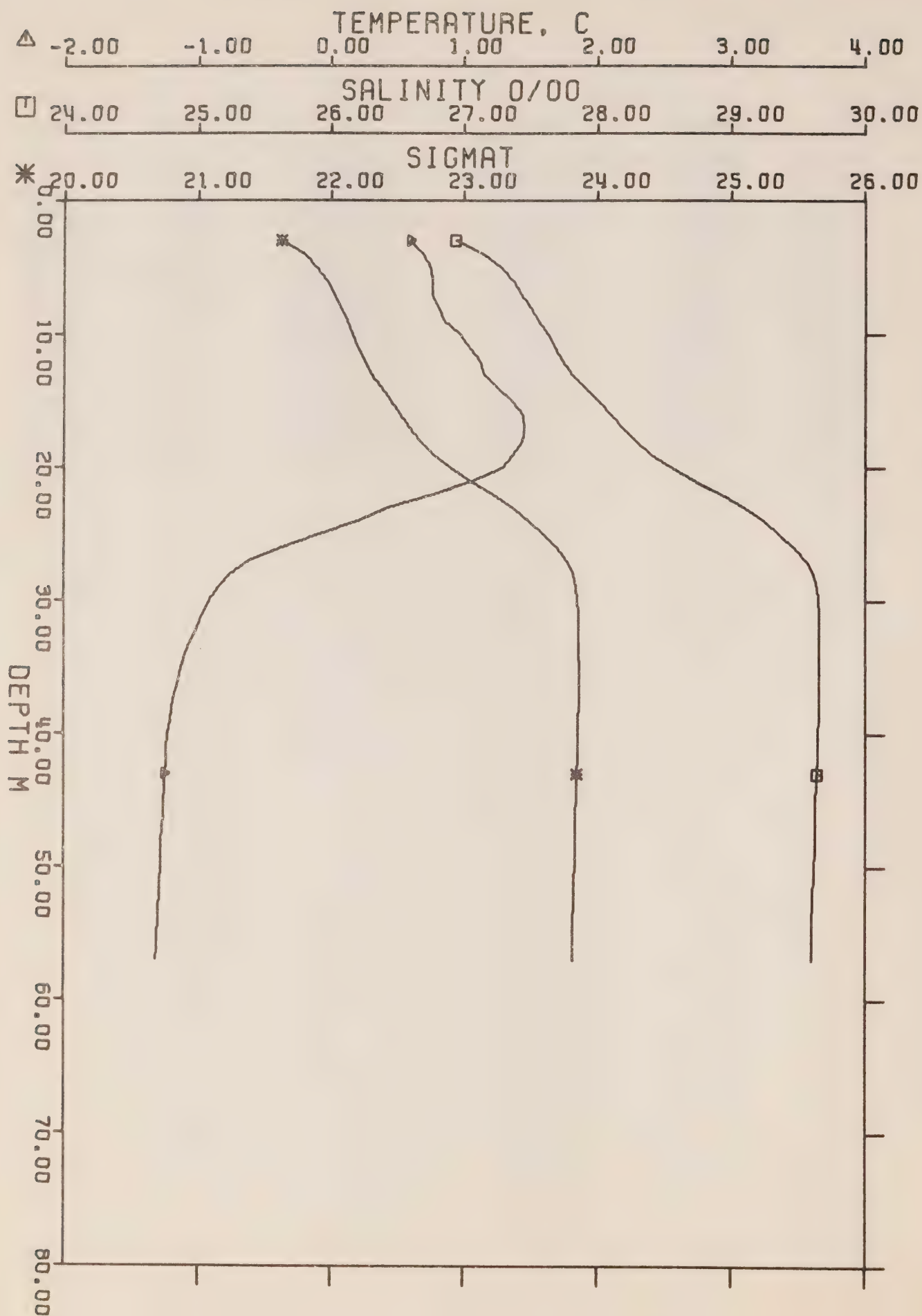
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.25	2.23	27.145 F	0.631 D	21.791	1441.4
2.50	2.47	27.162 F	0.655 D	21.804	1441.5
2.75	2.68	27.167 F	0.670 D	21.807	1441.6
3.00	3.02	27.180 F	0.680 D	21.817	1441.7
3.25	3.24	27.205 F	0.689 D	21.837	1441.7
3.50	3.50	27.228 F	0.693 D	21.855	1441.8
3.75	3.74	27.243 F	0.694 D	21.867	1441.8
4.00	3.96	27.256 F	0.700 D	21.877	1441.9
4.25	4.22	27.289 G	0.709 D	21.904	1442.0
4.50	4.46	27.324 G	0.727 D	21.931	1442.1
4.75	4.83	27.348 G	0.775 D	21.948	1442.4
5.00	5.00	27.355 G	0.814 D	21.952	1442.6
5.25	5.26	27.402 G	0.843 D	21.989	1442.8
5.50	5.50	27.447 G	0.875 D	22.024	1443.0
5.75	5.79	27.475 G	0.928 D	22.044	1443.3
6.00	6.04	27.483 G	0.963 D	22.049	1443.4
6.25	6.30	27.542 F	0.982 D	22.095	1443.6
6.50	6.49	27.592 F	1.015 D	22.134	1443.8
6.75	6.75	27.618 F	1.093 D	22.151	1444.2
7.00	7.04	27.623 F	1.117 D	22.154	1444.3
7.25	7.30	27.679 F	1.128 D	22.199	1444.5
7.50	7.58	27.727 F	1.148 D	22.236	1444.6
7.75	7.78	27.750 F	1.185 D	22.253	1444.8
8.00	8.05	27.764 F	1.180 D	22.264	1444.8
8.25	8.31	27.803 F	1.175 E	22.296	1444.9
8.50	8.55	27.843 F	1.183 F	22.328	1445.0
8.75	8.82	27.863 F	1.219 F	22.342	1445.2
9.00	9.09	27.879 F	1.228 E	22.354	1445.2
9.25	9.26	27.902 F	1.235 E	22.372	1445.3
9.50	9.50	27.932 F	1.242 F	22.396	1445.4
9.75	9.80	27.947 F	1.261 E	22.407	1445.5
10.00	10.04	27.963 F	1.275 E	22.419	1445.6
10.25	10.35	27.975 F	1.280 F	22.429	1445.6
10.50	10.58	27.997 F	1.282 E	22.446	1445.7
10.75	10.79	28.012 F	1.293 E	22.458	1445.7
11.00	11.01	28.022 F	1.303 F	22.465	1445.8
11.25	11.25	28.033 F	1.304 E	22.474	1445.8
11.50	11.59	28.048 F	1.302 E	22.486	1445.8
11.75	11.88	28.064 F	1.308 F	22.499	1445.9
12.00	12.13	28.067 F	1.313 F	22.501	1445.9
12.25	12.29	28.080 F	1.307 E	22.511	1445.9
12.50	12.61	28.093 F	1.284 F	22.523	1445.8
12.75	12.81	28.116 F	1.275 E	22.542	1445.8
13.00	13.04	28.118 F	1.273 F	22.543	1445.8
13.25	13.32	28.136 F	1.277 F	22.558	1445.9
13.50	13.66	28.149 F	1.273 F	22.568	1445.9
13.75	13.88	28.170 F	1.303 F	22.584	1446.0
14.00	14.13	28.171 F	1.313 E	22.584	1446.1
14.25	14.37	28.192 F	1.321 E	22.600	1446.2
14.50	14.60	28.208 F	1.323 F	22.613	1446.2
14.75	14.86	28.230 F	1.360 E	22.629	1446.4
15.00	15.13	28.240 F	1.373 F	22.636	1446.5
15.25	15.38	28.260 F	1.393 E	22.651	1446.6
15.50	15.59	28.275 F	1.419 E	22.663	1446.7
15.75	15.92	28.294 F	1.461 F	22.675	1447.0
16.00	16.14	28.309 F	1.474 E	22.686	1447.0
16.25	16.38	28.335 F	1.484 F	22.707	1447.1
16.50	16.60	28.351 F	1.491 F	22.719	1447.2
16.75	16.91	28.373 F	1.491 F	22.737	1447.2
17.00	17.21	28.399 F	1.481 F	22.758	1447.2
17.25	17.42	28.435 F	1.482 F	22.787	1447.3
17.50	17.71	28.456 F	1.486 F	22.803	1447.3
17.75	17.84	28.483 F	1.478 F	22.825	1447.3

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
18.00	18.23	28.515 F	1.445 F	22.853	1447.2
18.25	18.43	28.569 F	1.425 D	22.897	1447.2
18.50	18.70	28.604 F	1.410 D	22.926	1447.2
18.75	18.92	28.649 F	1.382 D	22.963	1447.1
19.00	19.12	28.690 F	1.331 D	22.998	1447.0
19.25	19.42	28.753 F	1.288 D	23.051	1446.9
19.50	19.67	28.795 F	1.253 D	23.087	1446.8
19.75	19.91	28.855 F	1.206 D	23.137	1446.6
20.00	20.21	28.901 F	1.120 D	23.178	1446.3
20.25	20.51	28.964 F	1.049 D	23.232	1446.1
20.50	20.67	29.003 F	0.958 D	23.267	1445.7
20.75	21.01	29.065 F	0.874 D	23.321	1445.4
21.00	21.20	29.111 F	0.773 D	23.362	1445.0
21.25	21.39	29.159 F	0.698 D	23.404	1444.8
21.50	21.76	29.187 F	0.602 D	23.431	1444.4
21.75	21.99	29.234 F	0.513 D	23.472	1444.0
22.00	22.20	29.275 F	0.422 D	23.509	1443.7
22.25	22.43	29.313 F	0.365 D	23.541	1443.5
22.50	22.65	29.333 F	0.286 D	23.560	1443.1
22.75	23.01	29.366 F	0.211 D	23.590	1442.8
23.00	23.14	29.400 F	0.139 D	23.620	1442.5
23.25	23.40	29.433 F	0.089 D	23.648	1442.4
23.50	23.73	29.451 F	0.023 D	23.665	1442.1
23.75	23.92	29.478 F	-0.048 D	23.689	1441.9
24.00	24.21	29.510 F	-0.123 D	23.717	1441.5
24.25	24.44	29.543 F	-0.176 D	23.746	1441.3
24.50	24.70	29.560 F	-0.239 D	23.761	1441.0
24.75	24.93	29.579 F	-0.302 D	23.779	1440.8
25.00	25.20	29.602 F	-0.380 D	23.800	1440.4
25.25	25.48	29.629 F	-0.440 D	23.823	1440.2
25.50	25.76	29.641 F	-0.513 D	23.835	1439.9
25.75	25.98	29.655 F	-0.579 D	23.848	1439.6
26.00	26.24	29.669 F	-0.646 D	23.861	1439.3
26.25	26.52	29.689 F	-0.701 D	23.879	1439.1
26.50	26.77	29.695 F	-0.745 D	23.884	1438.9
26.75	27.04	29.701 F	-0.781 D	23.890	1438.7
27.00	27.29	29.703 F	-0.817 D	23.893	1438.6
27.25	27.55	29.713 F	-0.854 D	23.902	1438.4
27.50	27.74	29.712 F	-0.884 D	23.902	1438.3
27.75	27.96	29.717 F	-0.906 D	23.906	1438.2
28.00	28.33	29.713 F	-0.931 D	23.903	1438.1
28.25	28.55	29.721 F	-0.959 C	23.910	1438.0
28.50	28.84	29.717 F	-0.980 C	23.908	1437.9
28.75	29.01	29.718 F	-0.992 C	23.909	1437.8
29.00	29.29	29.713 F	-1.002 C	23.905	1437.7
29.25	29.54	29.718 F	-1.010 C	23.909	1437.7
29.50	29.78	29.714 F	-1.020 C	23.906	1437.7
29.75	30.03	29.709 F	-1.028 C	23.902	1437.6
30.00	30.37	29.706 F	-1.038 C	23.900	1437.6
30.25	30.51	29.710 E	-1.048 C	23.903	1437.5
30.50	30.84	29.711 E	-1.056 C	23.904	1437.5
30.75	31.06	29.704 E	-1.062 C	23.899	1437.5
31.00	31.29	29.702 E	-1.069 C	23.897	1437.4
31.25	31.58	29.702 E	-1.078 C	23.898	1437.4
31.50	31.84	29.706 E	-1.085 C	23.901	1437.4
31.75	32.06	29.698 E	-1.090 C	23.895	1437.4
32.00	32.33	29.699 E	-1.096 C	23.896	1437.3
32.25	32.59	29.696 E	-1.106 C	23.893	1437.3
32.50	32.90	29.700 E	-1.113 C	23.897	1437.3
32.75	33.11	29.694 E	-1.119 C	23.892	1437.2
33.00	33.33	29.695 E	-1.123 C	23.893	1437.2
33.25	33.61	29.692 E	-1.129 C	23.891	1437.2
33.50	33.88	29.693 E	-1.134 C	23.891	1437.2
33.75	34.16	29.690 E	-1.139 C	23.889	1437.1
34.00	34.33	29.689 E	-1.141 C	23.888	1437.1
34.25	34.65	29.687 E	-1.145 C	23.887	1437.1
34.50	34.88	29.687 E	-1.148 C	23.887	1437.1
34.75	35.14	29.687 E	-1.152 C	23.887	1437.1
35.00	35.40	29.684 E	-1.155 C	23.885	1437.1
35.25	35.69	29.683 E	-1.159 C	23.884	1437.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.50	35.89	29.684 E	-1.162 C	23.885	1437.1
35.75	36.12	29.684 E	-1.164 C	23.885	1437.1
36.00	36.42	29.680 E	-1.166 C	23.882	1437.0
36.25	36.68	29.680 E	-1.169 C	23.882	1437.0
36.50	36.86	29.683 E	-1.173 C	23.884	1437.0
36.75	37.13	29.682 E	-1.177 C	23.893	1437.0
37.00	37.47	29.680 E	-1.181 C	23.882	1437.0
37.25	37.62	29.680 E	-1.186 C	23.882	1437.0
37.50	37.91	29.684 E	-1.191 C	23.885	1437.0
37.75	38.21	29.681 E	-1.197 C	23.883	1436.9
38.00	38.45	29.682 E	-1.203 C	23.884	1436.9
38.25	38.65	29.680 E	-1.207 C	23.882	1436.9
38.50	38.93	29.682 E	-1.211 C	23.884	1436.9
38.75	39.17	29.678 E	-1.217 C	23.881	1436.8
39.00	39.40	29.682 E	-1.222 C	23.884	1436.8
39.25	39.67	29.678 E	-1.226 C	23.881	1436.8
39.50	39.92	29.677 E	-1.229 C	23.880	1436.8
39.75	40.16	29.675 E	-1.233 C	23.879	1436.8
40.00	40.38	29.679 E	-1.236 C	23.882	1436.8
40.25	40.73	29.673 E	-1.238 C	23.877	1436.8
40.50	40.94	29.671 E	-1.240 C	23.876	1436.8
40.75	41.22	29.671 E	-1.242 C	23.876	1436.7
41.00	41.52	29.674 E	-1.244 C	23.878	1436.7
41.25	41.77	29.668 E	-1.245 C	23.873	1436.7
41.50	41.95	29.666 E	-1.247 C	23.872	1436.7
41.75	42.24	29.669 E	-1.249 C	23.874	1436.7
42.00	42.53	29.668 E	-1.250 C	23.873	1436.7
42.25	42.78	29.663 E	-1.252 C	23.869	1436.7
42.50	42.91	29.662 E	-1.254 C	23.869	1436.7
42.75	43.19	29.666 E	-1.255 C	23.872	1436.7
43.00	43.44	29.664 E	-1.257 C	23.870	1436.7
43.25	43.72	29.659 E	-1.258 C	23.866	1436.7
43.50	44.00	29.658 E	-1.259 C	23.865	1436.7
43.75	44.30	29.663 E	-1.261 C	23.869	1436.7
44.00	44.52	29.660 E	-1.262 C	23.867	1436.7
44.25	44.71	29.655 E	-1.262 C	23.863	1436.7
44.50	45.07	29.654 E	-1.263 C	23.862	1436.7
44.75	45.30	29.659 E	-1.265 C	23.866	1436.7
45.00	45.52	29.655 E	-1.266 C	23.863	1436.7
45.25	45.73	29.651 E	-1.267 C	23.850	1436.7
45.50	45.97	29.649 E	-1.268 C	23.858	1436.7
45.75	46.33	29.653 E	-1.270 C	23.862	1436.7
46.00	46.55	29.649 E	-1.270 C	23.858	1436.7
46.25	46.73	29.648 E	-1.271 C	23.858	1436.7
46.50	46.98	29.644 E	-1.272 C	23.854	1436.7
46.75	47.33	29.647 E	-1.274 C	23.857	1436.7
47.00	47.59	29.643 E	-1.274 C	23.854	1436.7
47.25	47.79	29.644 E	-1.275 C	23.854	1436.7
47.50	48.03	29.640 E	-1.277 C	23.851	1436.7
47.75	48.28	29.641 E	-1.278 C	23.852	1436.7
48.00	48.58	29.639 E	-1.279 C	23.850	1436.6
48.25	48.77	29.641 E	-1.280 C	23.852	1436.7
48.50	49.08	29.638 E	-1.281 C	23.850	1436.6
48.75	49.29	29.638 E	-1.281 C	23.850	1436.7
49.00	49.58	29.636 E	-1.282 C	23.848	1436.6
49.25	49.79	29.639 E	-1.282 C	23.850	1436.7
49.50	50.08	29.636 E	-1.283 C	23.848	1436.7
49.75	50.29	29.638 E	-1.284 C	23.850	1436.7
50.00	50.60	29.635 E	-1.285 C	23.847	1436.6
50.25	50.89	29.637 E	-1.286 C	23.849	1436.7
50.50	51.12	29.635 E	-1.287 C	23.847	1436.6
50.75	51.32	29.639 E	-1.287 C	23.851	1436.7
51.00	51.63	29.633 E	-1.288 C	23.846	1436.6
51.25	51.85	29.635 E	-1.288 C	23.847	1436.7
51.50	52.12	29.632 E	-1.289 C	23.845	1436.7
51.75	52.30	29.637 E	-1.289 C	23.849	1436.7
52.00	52.60	29.631 E	-1.290 C	23.844	1436.7
52.25	52.78	29.631 E	-1.291 C	23.844	1436.7
52.50	53.11	29.629 E	-1.292 C	23.843	1436.6
52.75	53.35	29.623 E	-1.291 C	23.846	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
53.00	53.67	29.629 F	-1.292 C	23.843	1436.7
53.25	53.83	29.629 E	-1.292 C	23.843	1436.7
53.50	54.07	29.626 E	-1.293 C	23.840	1436.7
53.75	54.41	29.629 E	-1.292 C	23.843	1436.7
54.00	54.60	29.628 F	-1.293 C	23.842	1436.7
54.25	54.85	29.628 E	-1.294 C	23.842	1436.7
54.50	55.17	29.625 E	-1.294 C	23.839	1436.7
54.75	55.33	29.627 E	-1.295 C	23.841	1436.7
55.00	55.65	29.627 E	-1.296 C	23.841	1436.7
55.25	55.93	29.627 E	-1.297 C	23.841	1436.7
55.50	56.15	29.624 E	-1.298 C	23.839	1436.7
55.75	56.36	29.626 E	-1.299 C	23.840	1436.7
56.00	56.67	29.626 E	-1.300 C	23.840	1436.7
56.25	56.89	29.626 E	-1.301 C	23.840	1436.7
56.50	57.12	29.625 E	-1.302 C	23.839	1436.7
56.75	57.41	29.626 E	-1.303 C	23.840	1436.7
57.00	57.67	29.627 E	-1.305 C	23.841	1436.7
57.25	57.95	29.623 E	-1.305 C	23.838	1436.7
57.50	58.20	29.626 E	-1.307 C	23.840	1436.7

EXPERIMENT 427



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 427
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011071 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.03	26.942 E	0.599 D	21.629	1441.0
4.00	4.12	27.154 E	0.698 D	21.796	1441.7
5.00	5.14	27.279 E	0.757 D	21.894	1442.2
6.00	6.14	27.369 E	0.774 D	21.965	1442.4
7.00	7.11	27.433 E	0.770 D	22.017	1442.5
8.00	8.16	27.500 F	0.821 F	22.068	1442.8
9.00	9.21	27.561 F	0.863 F	22.116	1443.1
10.00	10.14	27.628 F	0.981 F	22.164	1443.8
11.00	11.19	27.680 F	1.047 F	22.203	1444.2
12.00	12.22	27.742 F	1.125 F	22.249	1444.6
13.00	13.27	27.813 F	1.156 F	22.305	1444.9
14.00	14.26	27.909 F	1.257 F	22.377	1445.5
15.00	15.19	28.010 F	1.367 F	22.452	1446.1
16.00	16.24	28.102 F	1.455 F	22.522	1446.7
17.00	17.20	28.187 F	1.462 F	22.589	1446.8
18.00	18.28	28.287 F	1.439 F	22.671	1446.9
19.00	19.25	28.405 F	1.372 F	22.768	1446.8
20.00	20.31	28.561 F	1.293 F	22.897	1446.6
21.00	21.35	28.734 F	1.064 F	23.047	1445.8
22.00	22.29	28.935 F	0.770 F	23.221	1444.8
23.00	23.26	29.102 F	0.432 F	23.369	1443.5
24.00	24.36	29.247 F	0.200 F	23.495	1442.6
25.00	25.30	29.360 F	-0.086 F	23.595	1441.5
26.00	26.33	29.473 F	-0.368 F	23.695	1440.3
27.00	27.34	29.556 F	-0.624 C	23.769	1439.3
28.00	28.44	29.611 F	-0.757 C	23.817	1438.7
29.00	29.38	29.636 F	-0.854 C	23.839	1438.3
30.00	30.36	29.652 F	-0.924 C	23.854	1438.0
31.00	31.35	29.658 E	-0.973 C	23.860	1437.8
32.00	32.39	29.660 E	-1.015 C	23.862	1437.7
33.00	33.43	29.660 E	-1.061 C	23.863	1437.5
34.00	34.46	29.660 E	-1.096 C	23.864	1437.3
35.00	35.48	29.661 E	-1.128 C	23.865	1437.2
36.00	36.51	29.663 E	-1.155 C	23.868	1437.1
37.00	37.47	29.663 E	-1.178 C	23.868	1437.0
38.00	38.51	29.661 E	-1.200 C	23.867	1436.9
39.00	39.51	29.657 E	-1.214 C	23.864	1436.8
40.00	40.49	29.652 E	-1.228 C	23.860	1436.8
41.00	41.55	29.649 E	-1.238 C	23.858	1436.7
42.00	42.51	29.646 E	-1.244 C	23.855	1436.7
43.00	43.55	29.641 E	-1.249 C	23.852	1436.7
44.00	44.56	29.637 E	-1.253 C	23.848	1436.7
45.00	45.55	29.633 E	-1.258 C	23.845	1436.7
46.00	46.57	29.631 E	-1.264 C	23.844	1436.7
47.00	47.63	29.630 E	-1.271 C	23.843	1436.7
48.00	48.61	29.629 E	-1.277 C	23.842	1436.6
49.00	49.59	29.626 E	-1.281 C	23.840	1436.6
50.00	50.59	29.622 E	-1.284 C	23.837	1436.6
51.00	51.72	29.617 E	-1.288 C	23.833	1436.6
52.00	52.69	29.613 E	-1.293 C	23.830	1436.6
53.00	53.64	29.609 E	-1.300 C	23.826	1436.6
54.00	54.71	29.605 E	-1.305 C	23.823	1436.6
55.00	55.70	29.600 E	-1.311 C	23.819	1436.6
56.00	56.68	29.597 E	-1.314 C	23.817	1436.6
57.00	57.75	29.597 E	-1.317 C	23.817	1436.6

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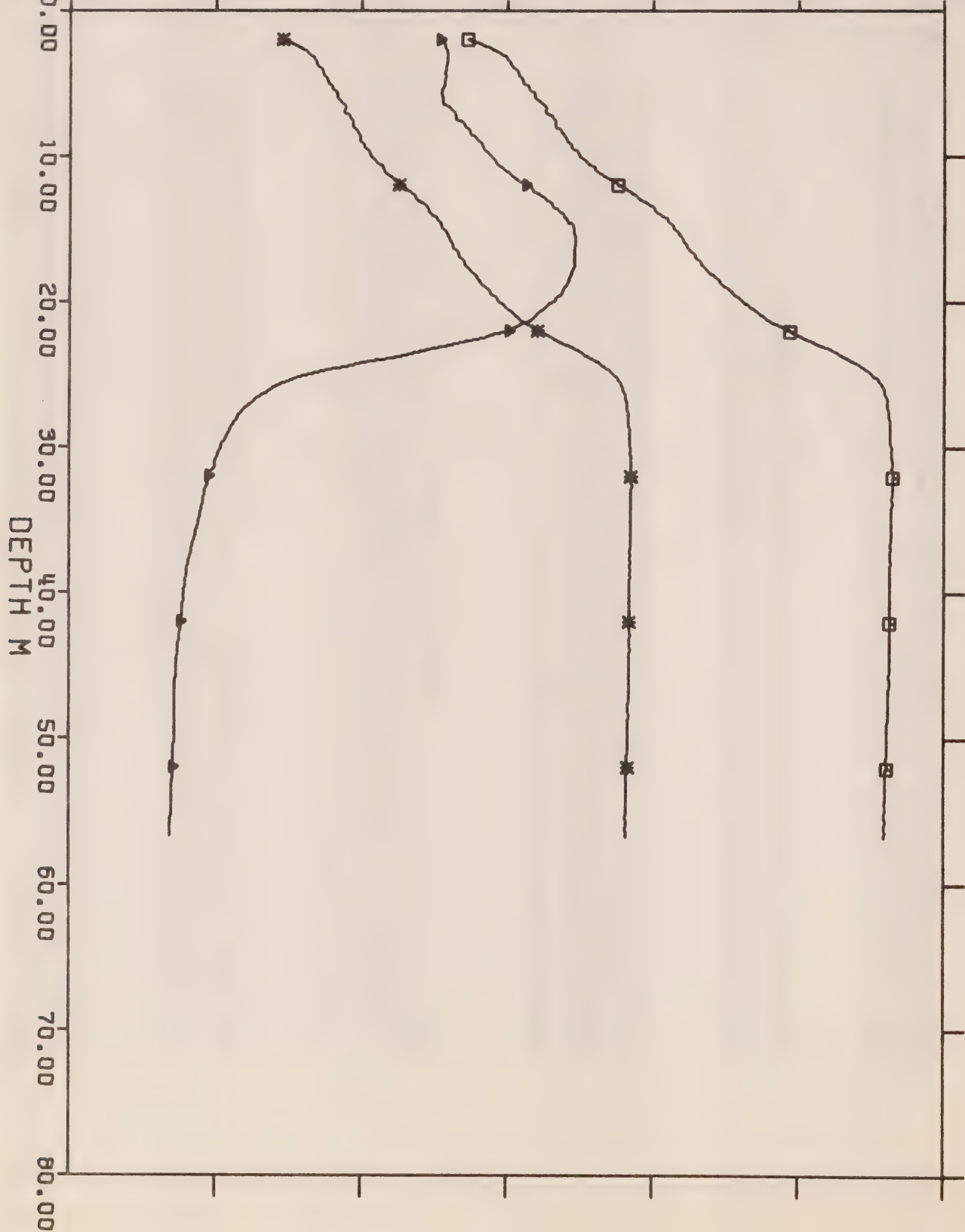
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SALINITY 0/00

24.00 25.00 26.00 27.00 28.00 29.00 30.00

SIGMAT

20.00 21.00 22.00 23.00 24.00 25.00 26.00



CRUISE 02-71-015 CRI CAMBRIDGE BAY EXPER. NO. 428
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 021071 LOCAL TIME 0930

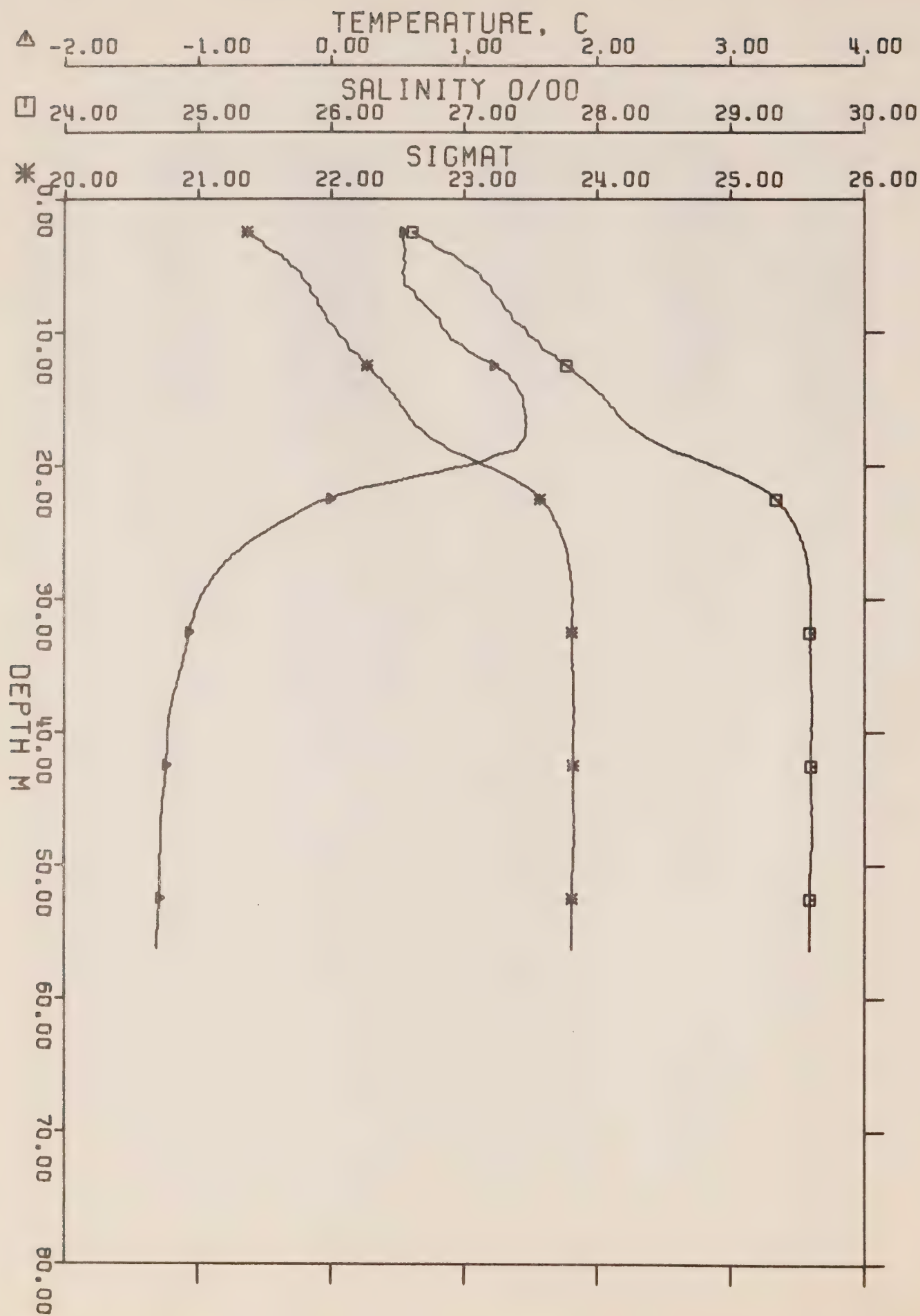
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	1.93	26.732 F	0.544 E	21.463	1440.4
2.25	2.17	26.789 F	0.558 E	21.508	1440.6
2.50	2.41	26.861 F	0.578 E	21.565	1440.8
2.75	2.69	26.913 F	0.588 E	21.606	1440.9
3.00	2.89	26.956 F	0.589 E	21.641	1440.9
3.25	3.16	26.987 F	0.590 E	21.666	1441.0
3.50	3.46	27.007 F	0.593 E	21.682	1441.0
3.75	3.68	27.027 F	0.584 E	21.698	1441.0
4.00	4.01	27.048 F	0.577 E	21.715	1441.0
4.25	4.22	27.070 F	0.575 E	21.733	1441.1
4.50	4.52	27.085 F	0.579 E	21.745	1441.1
4.75	4.71	27.105 F	0.571 E	21.761	1441.1
5.00	5.02	27.115 F	0.569 E	21.769	1441.1
5.25	5.27	27.145 F	0.562 E	21.793	1441.1
5.50	5.50	27.164 F	0.555 E	21.809	1441.1
5.75	5.73	27.188 F	0.553 E	21.828	1441.1
6.00	6.00	27.191 F	0.560 E	21.830	1441.2
6.25	6.26	27.229 F	0.565 E	21.861	1441.3
6.50	6.47	27.247 F	0.566 E	21.875	1441.3
6.75	6.76	27.268 F	0.612 E	21.890	1441.5
7.00	7.01	27.262 F	0.640 E	21.884	1441.7
7.25	7.22	27.298 F	0.651 E	21.913	1441.8
7.50	7.52	27.316 F	0.652 E	21.927	1441.8
7.75	7.73	27.335 F	0.698 E	21.941	1442.0
8.00	8.04	27.335 F	0.721 E	21.940	1442.1
8.25	8.31	27.362 F	0.737 E	21.961	1442.3
8.50	8.59	27.381 F	0.749 E	21.976	1442.3
8.75	8.78	27.401 F	0.790 E	21.990	1442.6
9.00	9.04	27.407 F	0.814 E	21.994	1442.7
9.25	9.30	27.426 F	0.829 E	22.009	1442.8
9.50	9.58	27.451 F	0.841 E	22.028	1442.9
9.75	9.79	27.479 F	0.860 F	22.050	1443.0
10.00	10.04	27.494 F	0.888 E	22.061	1443.2
10.25	10.33	27.518 F	0.914 F	22.079	1443.3
10.50	10.54	27.554 F	0.931 E	22.107	1443.5
10.75	10.80	27.590 F	0.953 E	22.135	1443.6
11.00	11.06	27.611 F	0.989 F	22.150	1443.8
11.25	11.27	27.650 F	1.032 E	22.180	1444.1
11.50	11.54	27.692 F	1.055 E	22.212	1444.2
11.75	11.75	27.730 F	1.083 E	22.242	1444.4
12.00	12.01	27.758 F	1.126 E	22.262	1444.6
12.25	12.34	27.809 F	1.167 F	22.301	1444.9
12.50	12.54	27.855 F	1.192 E	22.337	1445.1
12.75	12.74	27.885 F	1.231 E	22.359	1445.3
13.00	13.06	27.915 F	1.266 E	22.381	1445.5
13.25	13.34	27.965 F	1.298 E	22.420	1445.7
13.50	13.61	28.004 F	1.322 E	22.450	1445.9
13.75	13.88	28.023 F	1.360 E	22.463	1446.1
14.00	14.02	28.050 F	1.383 F	22.483	1446.3
14.25	14.35	28.086 F	1.401 E	22.512	1446.4
14.50	14.54	28.115 F	1.419 F	22.534	1446.5
14.75	14.77	28.128 F	1.446 E	22.543	1446.6
15.00	15.08	28.149 F	1.459 F	22.559	1446.7
15.25	15.35	28.170 F	1.461 F	22.576	1446.8
15.50	15.59	28.191 F	1.466 E	22.592	1446.8
15.75	15.80	28.203 F	1.467 F	22.602	1446.9
16.00	16.07	28.225 F	1.468 F	22.619	1446.9
16.25	16.41	28.241 F	1.464 E	22.632	1446.9
16.50	16.63	28.261 F	1.465 E	22.648	1446.9
16.75	16.90	28.276 F	1.464 E	22.660	1447.0
17.00	17.09	28.302 F	1.463 F	22.681	1447.0
17.25	17.38	28.321 F	1.460 E	22.697	1447.0
17.50	17.58	28.342 F	1.459 E	22.713	1447.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	17.86	28.362 F	1.448 F	22.730	1447.0
18.00	18.13	28.395 F	1.439 F	22.757	1447.0
18.25	18.33	28.420 F	1.428 E	22.777	1447.0
18.50	18.57	28.448 F	1.422 E	22.800	1447.0
18.75	18.88	28.474 F	1.407 E	22.822	1447.0
19.00	19.17	28.509 F	1.393 E	22.850	1447.0
19.25	19.40	28.534 F	1.383 F	22.871	1447.0
19.50	19.65	28.561 F	1.370 F	22.893	1447.0
19.75	19.91	28.590 F	1.345 F	22.918	1446.9
20.00	20.17	28.621 F	1.318 E	22.944	1446.8
20.25	20.37	28.650 F	1.234 E	22.969	1446.7
20.50	20.63	28.687 F	1.252 F	23.000	1446.6
20.75	20.95	28.723 F	1.220 E	23.030	1446.5
21.00	21.15	28.762 F	1.192 E	23.063	1446.5
21.25	21.44	28.799 F	1.158 F	23.094	1446.4
21.50	21.63	28.843 F	1.114 E	23.132	1446.2
21.75	21.90	28.887 F	1.066 E	23.169	1446.1
22.00	22.23	28.937 F	1.009 F	23.212	1445.9
22.25	22.46	28.987 F	0.924 F	23.256	1445.6
22.50	22.75	29.044 F	0.835 F	23.306	1445.2
22.75	23.01	29.097 F	0.731 F	23.353	1444.8
23.00	23.16	29.159 F	0.615 F	23.408	1444.4
23.25	23.44	29.217 F	0.500 E	23.459	1444.0
23.50	23.71	29.269 F	0.383 E	23.505	1443.5
23.75	23.90	29.316 F	0.259 F	23.548	1443.0
24.00	24.21	29.369 F	0.127 F	23.595	1442.5
24.25	24.47	29.412 F	0.002 E	23.634	1441.9
24.50	24.67	29.448 F	-0.113 E	23.667	1441.5
24.75	24.95	29.480 F	-0.235 F	23.697	1440.9
25.00	25.17	29.514 F	-0.350 E	23.728	1440.5
25.25	25.43	29.539 F	-0.434 F	23.750	1440.1
25.50	25.67	29.557 F	-0.510 E	23.767	1439.8
25.75	25.98	29.572 F	-0.574 E	23.781	1439.5
26.00	26.27	29.586 F	-0.625 F	23.793	1439.3
26.25	26.54	29.594 F	-0.665 F	23.801	1439.1
26.50	26.76	29.600 F	-0.700 E	23.807	1439.0
26.75	26.92	29.606 F	-0.732 F	23.812	1438.8
27.00	27.21	29.611 F	-0.762 E	23.817	1438.7
27.25	27.42	29.615 F	-0.790 E	23.821	1438.6
27.50	27.73	29.617 F	-0.815 F	23.823	1438.5
27.75	28.05	29.622 F	-0.836 E	23.828	1438.4
28.00	28.22	29.624 F	-0.855 E	23.830	1438.3
28.25	28.52	29.626 F	-0.874 E	23.832	1438.2
28.50	28.77	29.625 F	-0.892 F	23.831	1438.1
28.75	29.01	29.630 F	-0.906 F	23.836	1438.1
29.00	29.27	29.632 F	-0.916 F	23.838	1438.0
29.25	29.54	29.634 F	-0.928 F	23.839	1438.0
29.50	29.77	29.630 F	-0.943 E	23.837	1437.9
29.75	30.01	29.635 F	-0.956 E	23.841	1437.9
30.00	30.22	29.639 F	-0.966 F	23.844	1437.8
30.25	30.47	29.641 E	-0.975 D	23.846	1437.8
30.50	30.74	29.637 E	-0.986 D	23.843	1437.7
30.75	31.00	29.642 E	-0.998 D	23.847	1437.7
31.00	31.25	29.646 E	-1.007 D	23.851	1437.7
31.25	31.54	29.647 E	-1.015 D	23.852	1437.6
31.50	31.79	29.643 E	-1.025 D	23.849	1437.6
31.75	32.02	29.648 E	-1.037 D	23.853	1437.5
32.00	32.32	29.649 F	-1.048 D	23.854	1437.5
32.25	32.57	29.650 E	-1.056 C	23.855	1437.5
32.50	32.76	29.646 E	-1.064 C	23.852	1437.4
32.75	33.02	29.650 E	-1.071 C	23.855	1437.4
33.00	33.26	29.648 E	-1.078 C	23.854	1437.4
33.25	33.50	29.647 E	-1.083 C	23.853	1437.3
33.50	33.87	29.644 E	-1.089 C	23.851	1437.3
33.75	34.05	29.648 E	-1.094 C	23.854	1437.3
34.00	34.34	29.646 E	-1.099 C	23.853	1437.3
34.25	34.55	29.643 E	-1.103 C	23.850	1437.3
34.50	34.81	29.642 E	-1.110 C	23.850	1437.2
34.75	35.10	29.644 E	-1.115 C	23.851	1437.2
35.00	35.34	29.644 E	-1.119 C	23.852	1437.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.54	29.638 E	-1.123 C	23.847	1437.2
35.50	35.86	29.638 E	-1.131 C	23.847	1437.1
35.75	36.13	29.639 E	-1.139 C	23.848	1437.1
36.00	36.34	29.642 E	-1.144 C	23.850	1437.1
36.25	36.58	29.636 E	-1.150 C	23.846	1437.1
36.50	36.82	29.636 E	-1.157 C	23.846	1437.0
36.75	37.11	29.635 E	-1.164 C	23.845	1437.0
37.00	37.38	29.639 E	-1.168 C	23.848	1437.0
37.25	37.62	29.634 E	-1.174 C	23.844	1437.0
37.50	37.83	29.635 E	-1.179 C	23.845	1436.9
37.75	38.14	29.632 E	-1.186 C	23.843	1436.9
38.00	38.38	29.636 E	-1.190 C	23.846	1436.9
38.25	38.59	29.633 E	-1.196 C	23.844	1436.9
38.50	38.86	29.635 E	-1.200 C	23.846	1436.9
38.75	39.16	29.630 E	-1.204 C	23.842	1436.8
39.00	39.38	29.634 E	-1.207 C	23.845	1436.9
39.25	39.60	29.631 E	-1.212 C	23.843	1436.8
39.50	39.93	29.633 E	-1.214 C	23.844	1436.8
39.75	40.11	29.630 E	-1.218 C	23.842	1436.8
40.00	40.35	29.632 E	-1.221 C	23.844	1436.8
40.25	40.66	29.631 E	-1.223 C	23.843	1436.8
40.50	40.87	29.632 E	-1.225 C	23.844	1436.8
40.75	41.16	29.630 E	-1.227 C	23.842	1436.8
41.00	41.36	29.632 E	-1.229 C	23.844	1436.8
41.25	41.69	29.630 E	-1.231 C	23.842	1436.8
41.50	41.91	29.631 E	-1.234 C	23.843	1436.7
41.75	42.14	29.631 E	-1.237 C	23.843	1436.7
42.00	42.44	29.633 E	-1.240 C	23.845	1436.7
42.25	42.67	29.630 E	-1.243 C	23.842	1436.7
42.50	42.93	29.632 E	-1.245 C	23.844	1436.7
42.75	43.20	29.631 E	-1.248 C	23.843	1436.7
43.00	43.41	29.634 E	-1.250 C	23.846	1436.7
43.25	43.67	29.629 E	-1.253 C	23.842	1436.7
43.50	43.91	29.631 E	-1.256 C	23.844	1436.7
43.75	44.22	29.630 E	-1.259 C	23.843	1436.7
44.00	44.44	29.633 E	-1.261 C	23.845	1436.7
44.25	44.74	29.629 E	-1.264 C	23.842	1436.6
44.50	44.92	29.630 E	-1.266 C	23.843	1436.6
44.75	45.20	29.627 E	-1.269 C	23.841	1436.6
45.00	45.43	29.631 E	-1.270 C	23.844	1436.6
45.25	45.64	29.628 E	-1.272 C	23.841	1436.6
45.50	45.94	29.629 E	-1.274 C	23.842	1436.6
45.75	46.26	29.624 E	-1.275 C	23.838	1436.6
46.00	46.44	29.628 E	-1.276 C	23.841	1436.6
46.25	46.75	29.626 E	-1.277 C	23.840	1436.6
46.50	46.94	29.627 E	-1.277 C	23.841	1436.6
46.75	47.20	29.621 E	-1.278 C	23.836	1436.6
47.00	47.51	29.624 E	-1.279 C	23.838	1436.6
47.25	47.75	29.622 E	-1.279 C	23.837	1436.6
47.50	48.01	29.624 E	-1.279 C	23.838	1436.6
47.75	48.19	29.618 E	-1.280 C	23.833	1436.6
48.00	48.45	29.619 E	-1.280 C	23.834	1436.6
48.25	48.76	29.618 E	-1.280 C	23.833	1436.6
48.50	48.97	29.620 E	-1.280 C	23.835	1436.6
48.75	49.25	29.616 E	-1.281 C	23.832	1436.6
49.00	49.49	29.615 E	-1.281 C	23.831	1436.6
49.25	49.82	29.614 E	-1.282 C	23.830	1436.6
49.50	50.00	29.614 E	-1.283 C	23.830	1436.6
49.75	50.28	29.614 E	-1.283 C	23.830	1436.6
50.00	50.50	29.611 E	-1.283 C	23.828	1436.6
50.25	50.80	29.611 E	-1.284 C	23.828	1436.6
50.50	51.08	29.609 E	-1.287 C	23.826	1436.6
50.75	51.36	29.611 E	-1.287 C	23.828	1436.6
51.00	51.58	29.609 E	-1.288 C	23.826	1436.6
51.25	51.71	29.607 E	-1.288 C	23.825	1436.6
51.50	52.06	29.604 E	-1.290 C	23.822	1436.6
51.75	52.29	29.607 E	-1.291 C	23.825	1436.6
52.00	52.56	29.608 E	-1.292 C	23.826	1436.6
52.25	52.83	29.603 E	-1.292 C	23.822	1436.6
52.50	53.11	29.600 E	-1.294 C	23.819	1436.6

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.75	53.30	29.603 E	-1.295 C	23.822	1436.6
53.00	53.57	29.605 E	-1.297 C	23.823	1436.6
53.25	53.76	29.600 E	-1.297 C	23.819	1436.6
53.50	54.08	29.597 E	-1.298 C	23.817	1436.6
53.75	54.36	29.601 E	-1.300 C	23.820	1436.6
54.00	54.51	29.592 E	-1.301 C	23.821	1436.6
54.25	54.82	29.597 E	-1.301 C	23.817	1436.6
54.50	55.03	29.595 E	-1.303 C	23.815	1436.6
54.75	55.32	29.599 E	-1.304 C	23.818	1436.6
55.00	55.54	29.599 E	-1.305 C	23.818	1436.6
55.25	55.81	29.595 E	-1.305 C	23.815	1436.6
55.50	56.06	29.594 E	-1.307 C	23.814	1436.6
55.75	56.34	29.596 E	-1.307 C	23.816	1436.6
56.00	56.60	29.595 E	-1.307 C	23.815	1436.6
56.25	56.83	29.593 E	-1.308 C	23.814	1436.6
56.50	57.08	29.596 E	-1.309 C	23.816	1436.6
56.75	57.40	29.595 E	-1.310 C	23.815	1436.6

EXPERIMENT 429



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 429
 LAT. N59 05.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 021071 LOCAL TIME 1550

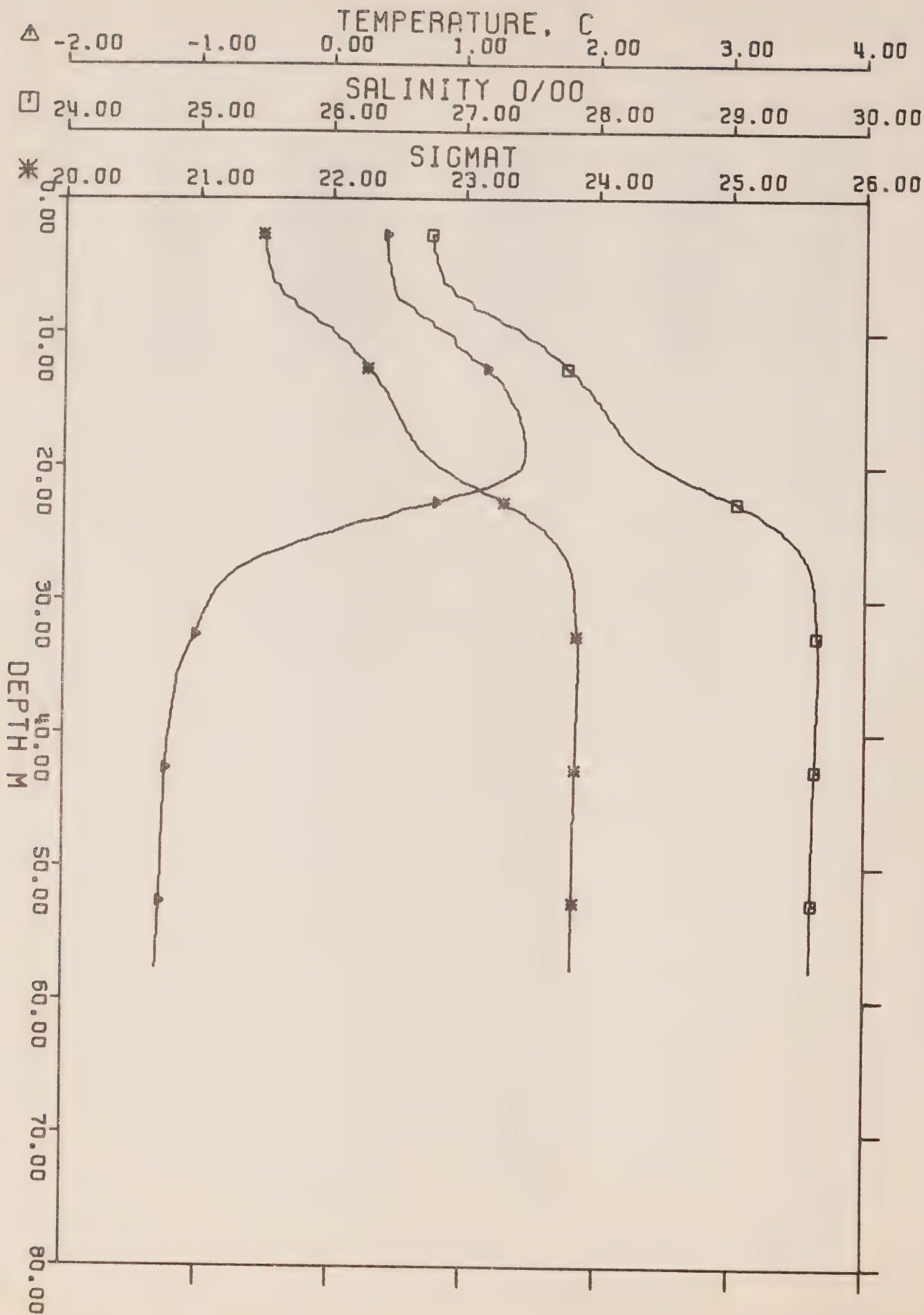
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.50	2.56	26.611 F	0.538 F	21.366	1440.2
2.75	2.81	26.648 F	0.542 E	21.395	1440.3
3.00	3.13	26.693 F	0.544 E	21.431	1440.4
3.25	3.41	26.748 F	0.549 E	21.475	1440.5
3.50	3.68	26.771 F	0.555 E	21.494	1440.5
3.75	3.85	26.813 F	0.556 F	21.527	1440.6
4.00	4.12	26.862 F	0.550 E	21.567	1440.7
4.25	4.39	26.923 F	0.548 E	21.616	1440.7
4.50	4.70	26.954 F	0.544 E	21.641	1440.8
4.75	4.86	26.985 F	0.558 E	21.665	1440.9
5.00	5.10	27.013 F	0.555 F	21.688	1440.9
5.25	5.39	27.063 F	0.546 F	21.728	1440.9
5.50	5.61	27.096 F	0.533 E	21.755	1440.9
5.75	5.87	27.117 F	0.547 E	21.771	1441.0
6.00	6.13	27.132 F	0.555 F	21.783	1441.1
6.25	6.41	27.167 F	0.555 F	21.811	1441.1
6.50	6.62	27.194 F	0.555 F	21.833	1441.2
6.75	6.95	27.205 F	0.591 E	21.840	1441.4
7.00	7.17	27.209 F	0.625 F	21.842	1441.5
7.25	7.35	27.231 F	0.638 E	21.860	1441.6
7.50	7.65	27.264 F	0.651 E	21.886	1441.7
7.75	7.97	27.278 F	0.677 E	21.896	1441.9
8.00	8.15	27.286 F	0.713 E	21.901	1442.0
8.25	8.41	27.305 F	0.734 F	21.915	1442.2
8.50	8.66	27.343 F	0.759 E	21.945	1442.3
8.75	8.95	27.360 F	0.795 E	21.957	1442.5
9.00	9.23	27.365 F	0.823 E	21.960	1442.7
9.25	9.40	27.380 F	0.823 E	21.972	1442.7
9.50	9.71	27.429 F	0.827 E	22.011	1442.8
9.75	9.95	27.457 F	0.845 E	22.033	1442.9
10.00	10.21	27.466 F	0.873 F	22.039	1443.1
10.25	10.39	27.480 F	0.889 E	22.050	1443.2
10.50	10.76	27.526 F	0.903 E	22.086	1443.3
10.75	10.91	27.561 F	0.933 E	22.113	1443.5
11.00	11.22	27.575 F	0.986 F	22.122	1443.7
11.25	11.48	27.592 F	1.019 E	22.134	1443.9
11.50	11.77	27.641 F	1.041 F	22.172	1444.1
11.75	11.94	27.680 F	1.077 F	22.202	1444.3
12.00	12.15	27.701 F	1.135 E	22.216	1444.6
12.25	12.46	27.728 F	1.187 E	22.235	1444.9
12.50	12.77	27.771 F	1.223 E	22.268	1445.1
12.75	12.98	27.809 F	1.262 E	22.297	1445.3
13.00	13.20	27.832 F	1.307 E	22.313	1445.6
13.25	13.48	27.861 F	1.336 E	22.335	1445.8
13.50	13.75	27.901 F	1.355 F	22.366	1445.9
13.75	13.98	27.934 F	1.334 E	22.391	1446.1
14.00	14.22	27.956 F	1.401 F	22.408	1446.2
14.25	14.43	27.981 F	1.413 F	22.427	1446.3
14.50	14.71	28.010 F	1.423 F	22.450	1446.4
14.75	15.04	28.039 F	1.438 F	22.472	1446.5
15.00	15.22	28.058 F	1.448 E	22.487	1446.6
15.25	15.47	28.081 F	1.452 F	22.505	1446.6
15.50	15.77	28.101 F	1.452 F	22.521	1446.6
15.75	15.96	28.127 F	1.460 E	22.541	1446.7
16.00	16.33	28.145 F	1.464 E	22.556	1446.8
16.25	16.51	28.170 F	1.466 E	22.576	1446.8
16.50	16.77	28.190 F	1.465 E	22.592	1446.8
16.75	17.09	28.215 F	1.467 F	22.611	1446.9
17.00	17.24	28.242 F	1.466 E	22.633	1446.9
17.25	17.50	28.282 F	1.464 F	22.665	1447.0
17.50	17.80	28.320 F	1.461 E	22.696	1447.0
17.75	18.01	28.351 F	1.459 F	22.721	1447.1
18.00	18.24	28.389 F	1.446 F	22.752	1447.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
18.25	18.50	28.444 F	1.426 E	22.797	1447.0
18.50	18.83	28.505 F	1.409 E	22.846	1447.1
18.75	19.02	28.549 F	1.386 E	22.883	1447.0
19.00	19.31	28.607 F	1.320 F	22.933	1446.8
19.25	19.52	28.678 F	1.231 E	22.994	1446.5
19.50	19.73	28.755 F	1.177 F	23.058	1446.4
19.75	20.02	28.809 F	1.117 E	23.104	1446.2
20.00	20.31	28.875 F	1.020 F	23.162	1445.8
20.25	20.56	28.937 F	0.895 E	23.217	1445.3
20.50	20.77	29.001 F	0.796 F	23.273	1445.0
20.75	21.11	29.053 F	0.681 E	23.320	1444.5
21.00	21.26	29.113 F	0.557 E	23.377	1444.1
21.25	21.58	29.164 F	0.427 E	23.419	1443.5
21.50	21.80	29.207 F	0.329 F	23.458	1443.1
21.75	22.08	29.243 F	0.223 F	23.491	1442.7
22.00	22.28	29.286 F	0.136 E	23.528	1442.4
22.25	22.60	29.315 F	0.062 F	23.554	1442.1
22.50	22.80	29.336 F	-0.010 F	23.574	1441.8
22.75	23.10	29.360 F	-0.092 E	23.596	1441.4
23.00	23.29	29.385 F	-0.153 F	23.618	1441.2
23.25	23.53	29.406 F	-0.202 F	23.636	1441.0
23.50	23.76	29.421 F	-0.247 F	23.650	1440.8
23.75	24.12	29.439 F	-0.289 E	23.665	1440.6
24.00	24.31	29.449 F	-0.333 E	23.675	1440.4
24.25	24.63	29.469 F	-0.379 F	23.692	1440.3
24.50	24.86	29.480 F	-0.423 F	23.702	1440.1
24.75	25.07	29.495 F	-0.464 E	23.716	1439.9
25.00	25.38	29.501 F	-0.501 F	23.722	1439.7
25.25	25.50	29.516 F	-0.543 E	23.735	1439.6
25.50	25.83	29.525 F	-0.585 E	23.743	1439.4
25.75	26.07	29.536 F	-0.622 E	23.753	1439.2
26.00	26.46	29.539 F	-0.656 F	23.756	1439.1
26.25	26.65	29.549 F	-0.693 F	23.765	1438.9
26.50	26.90	29.557 F	-0.724 E	23.773	1438.8
26.75	27.16	29.564 F	-0.752 F	23.779	1438.7
27.00	27.41	29.566 F	-0.774 F	23.781	1438.6
27.25	27.58	29.570 F	-0.801 F	23.785	1438.5
27.50	27.90	29.579 F	-0.824 E	23.793	1438.4
27.75	28.14	29.581 F	-0.844 F	23.795	1438.3
28.00	28.36	29.585 F	-0.860 E	23.798	1438.2
28.25	28.72	29.585 F	-0.880 F	23.799	1438.1
28.50	28.90	29.592 F	-0.900 E	23.805	1438.1
28.75	29.19	29.594 F	-0.916 E	23.807	1438.0
29.00	29.44	29.598 F	-0.930 E	23.810	1437.9
29.25	29.63	29.597 F	-0.945 E	23.810	1437.9
29.50	29.88	29.598 F	-0.961 F	23.811	1437.8
29.75	30.16	29.601 F	-0.975 E	23.814	1437.7
30.00	30.45	29.603 F	-0.987 F	23.816	1437.7
30.25	30.64	29.603 E	-0.996 D	23.816	1437.6
30.50	30.83	29.599 E	-1.008 D	23.813	1437.6
30.75	31.24	29.601 F	-1.019 D	23.815	1437.5
31.00	31.45	29.601 E	-1.029 D	23.815	1437.5
31.25	31.71	29.603 E	-1.034 D	23.817	1437.5
31.50	31.99	29.597 F	-1.041 D	23.812	1437.4
31.75	32.22	29.598 F	-1.049 D	23.813	1437.4
32.00	32.43	29.597 F	-1.056 D	23.812	1437.4
32.25	32.76	29.601 E	-1.061 C	23.816	1437.4
32.50	33.00	29.595 E	-1.066 C	23.811	1437.3
32.75	33.21	29.596 F	-1.072 C	23.812	1437.3
33.00	33.48	29.594 E	-1.078 C	23.810	1437.3
33.25	33.72	29.592 F	-1.083 C	23.814	1437.3
33.50	33.97	29.594 F	-1.089 C	23.811	1437.2
33.75	34.23	29.596 F	-1.095 C	23.812	1437.2
34.00	34.46	29.595 E	-1.102 C	23.812	1437.2
34.25	34.72	29.597 E	-1.107 C	23.813	1437.2
34.50	34.96	29.596 F	-1.113 C	23.813	1437.2
34.75	35.25	29.597 F	-1.119 C	23.814	1437.1
35.00	35.51	29.599 F	-1.125 C	23.815	1437.1
35.25	35.77	29.598 E	-1.130 C	23.815	1437.1
35.50	35.95	29.600 F	-1.137 C	23.816	1437.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.75	36.25	29.600 E	-1.145 C	23.816	1437.0
36.00	36.55	29.604 E	-1.152 C	23.820	1437.0
36.25	36.71	29.602 E	-1.159 C	23.818	1437.0
36.50	36.96	29.605 E	-1.165 C	23.821	1437.0
36.75	37.27	29.603 E	-1.173 C	23.819	1436.9
37.00	37.47	29.608 E	-1.179 C	23.824	1436.9
37.25	37.74	29.607 E	-1.186 C	23.823	1436.9
37.50	38.07	29.608 E	-1.191 C	23.824	1436.9
37.75	38.31	29.606 E	-1.198 C	23.822	1436.8
38.00	38.55	29.609 E	-1.204 C	23.825	1436.8
38.25	38.80	29.611 E	-1.209 C	23.827	1436.8
38.50	39.02	29.610 E	-1.213 C	23.826	1436.8
38.75	39.27	29.607 E	-1.216 C	23.823	1436.8
39.00	39.47	29.603 E	-1.220 C	23.824	1436.7
39.25	39.74	29.610 E	-1.223 C	23.826	1436.7
39.50	40.10	29.610 E	-1.225 C	23.826	1436.7
39.75	40.31	29.605 E	-1.227 C	23.822	1436.7
40.00	40.56	29.606 E	-1.228 C	23.823	1436.7
40.25	40.76	29.607 E	-1.230 C	23.824	1436.7
40.50	41.11	29.608 E	-1.230 C	23.824	1436.7
40.75	41.25	29.602 E	-1.232 C	23.820	1436.7
41.00	41.51	29.604 E	-1.233 C	23.821	1436.7
41.25	41.75	29.603 E	-1.234 C	23.821	1436.7
41.50	42.02	29.605 E	-1.235 C	23.822	1436.7
41.75	42.23	29.600 E	-1.236 C	23.818	1436.7
42.00	42.57	29.603 E	-1.238 C	23.821	1436.7
42.25	42.77	29.601 E	-1.239 C	23.819	1436.7
42.50	43.00	29.604 E	-1.240 C	23.821	1436.7
42.75	43.33	29.601 E	-1.242 C	23.819	1436.7
43.00	43.54	29.602 E	-1.244 C	23.820	1436.7
43.25	43.80	29.601 E	-1.246 C	23.819	1436.7
43.50	44.09	29.604 E	-1.248 C	23.822	1436.7
43.75	44.29	29.602 E	-1.252 C	23.820	1436.7
44.00	44.56	29.602 E	-1.254 C	23.820	1436.7
44.25	44.83	29.602 E	-1.253 C	23.820	1436.6
44.50	45.04	29.605 E	-1.260 C	23.823	1436.6
44.75	45.30	29.605 E	-1.263 C	23.823	1436.6
45.00	45.54	29.603 E	-1.266 C	23.821	1436.6
45.25	45.79	29.605 E	-1.268 C	23.823	1436.6
45.50	46.05	29.606 E	-1.270 C	23.824	1436.6
45.75	46.36	29.607 E	-1.273 C	23.824	1436.6
46.00	46.60	29.605 E	-1.275 C	23.823	1436.6
46.25	46.89	29.608 E	-1.277 C	23.825	1436.6
46.50	47.10	29.608 E	-1.278 C	23.825	1436.6
46.75	47.39	29.608 E	-1.278 C	23.825	1436.6
47.00	47.56	29.607 E	-1.279 C	23.825	1436.6
47.25	47.87	29.610 E	-1.280 C	23.827	1436.6
47.50	48.16	29.609 E	-1.280 C	23.826	1436.6
47.75	48.33	29.608 E	-1.281 C	23.825	1436.6
48.00	48.60	29.607 E	-1.282 C	23.825	1436.6
48.25	48.88	29.609 E	-1.283 C	23.826	1436.6
48.50	49.13	29.608 E	-1.283 C	23.825	1436.6
48.75	49.40	29.606 E	-1.284 C	23.824	1436.6
49.00	49.61	29.603 E	-1.285 C	23.821	1436.6
49.25	49.85	29.605 E	-1.286 C	23.823	1436.6
49.50	50.19	29.604 E	-1.287 C	23.822	1436.6
49.75	50.35	29.601 E	-1.284 C	23.820	1436.6
50.00	50.70	29.598 E	-1.288 C	23.817	1436.6
50.25	50.85	29.600 E	-1.285 C	23.819	1436.6
50.50	51.14	29.599 E	-1.286 C	23.818	1436.6
50.75	51.43	29.595 E	-1.284 C	23.815	1436.6
51.00	51.67	29.594 E	-1.283 C	23.814	1436.6
51.25	51.87	29.595 E	-1.285 C	23.815	1436.6
51.50	52.19	29.595 E	-1.287 C	23.815	1436.6
51.75	52.39	29.590 E	-1.285 C	23.811	1436.6
52.00	52.71	29.592 E	-1.290 C	23.813	1436.6
52.25	52.88	29.592 E	-1.288 C	23.813	1436.6
52.50	53.13	29.594 E	-1.289 C	23.814	1436.6
52.75	53.40	29.588 E	-1.291 C	23.809	1436.6
53.00	53.73	29.591 E	-1.293 C	23.812	1436.6

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
53.25	53.97	29.590 E	-1.294 C	23.811	1436.6
53.50	54.20	29.594 E	-1.296 C	23.814	1436.6
53.75	54.45	29.587 E	-1.298 C	23.809	1436.6
54.00	54.70	29.590 E	-1.301 C	23.811	1436.6
54.25	54.97	29.589 E	-1.304 C	23.810	1436.6
54.50	55.24	29.593 E	-1.304 C	23.814	1436.6
54.75	55.45	29.588 E	-1.305 C	23.810	1436.6
55.00	55.68	29.589 E	-1.307 C	23.810	1436.6
55.25	55.90	29.589 E	-1.309 C	23.810	1436.6
55.50	56.20	29.587 E	-1.309 C	23.809	1436.6
55.75	56.46	29.590 E	-1.310 C	23.811	1436.6
56.00	56.70	29.588 E	-1.312 C	23.810	1436.6
56.25	56.97	29.591 E	-1.313 C	23.812	1436.6

EXPERIMENT 430



CRUISE 02-71-015 CH1 CAMBRIDGE BAY EXPD. NO. 430
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 031071 LOCAL TIME 0930

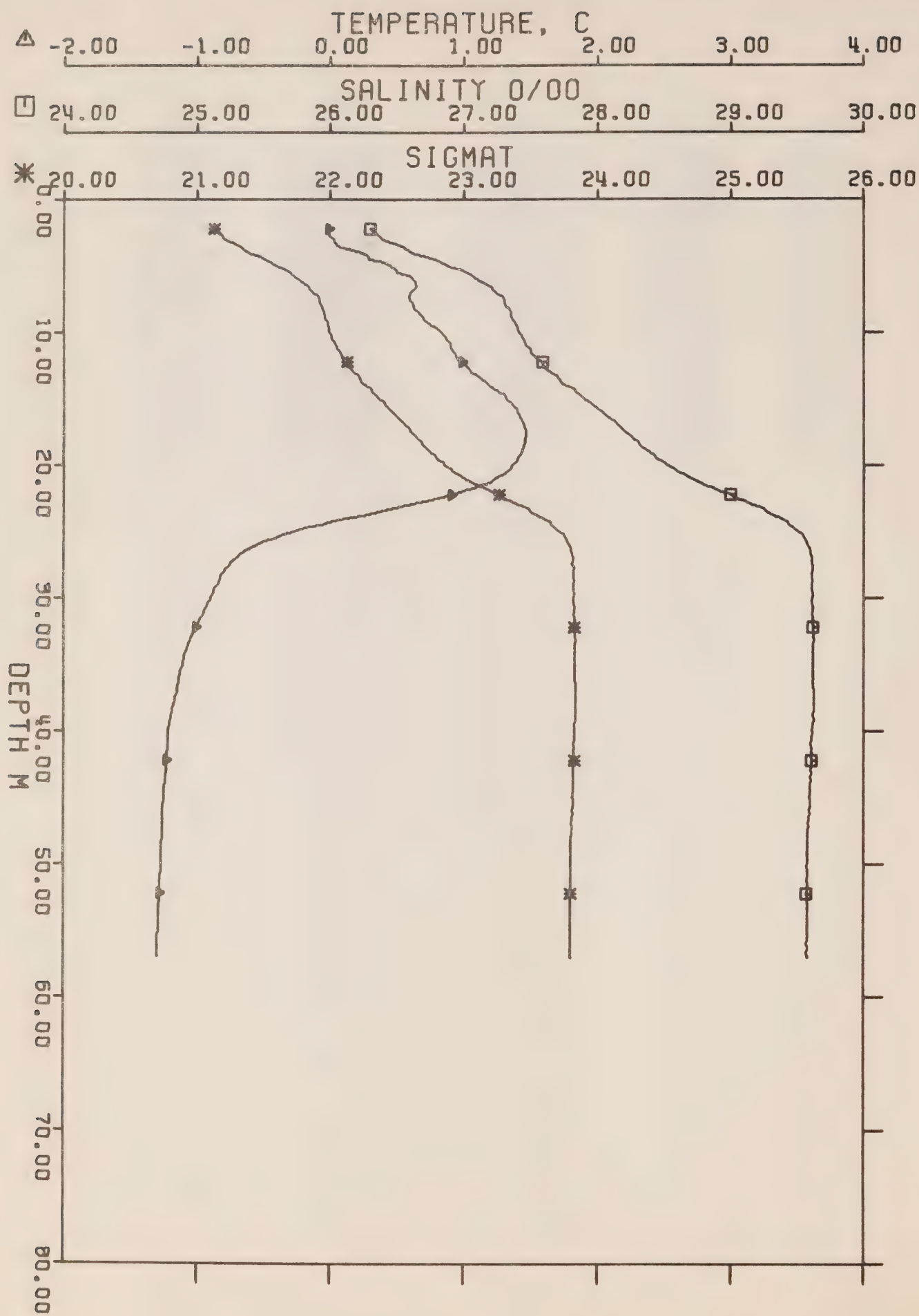
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.75	2.64	26.750 F	0.407 D	21.482	1439.8
3.00	2.93	26.750 F	0.407 D	21.482	1439.8
3.25	3.17	26.753 F	0.410 D	21.492	1439.9
3.50	3.38	26.763 F	0.411 D	21.492	1439.9
3.75	3.64	26.753 F	0.417 D	21.492	1439.9
4.00	3.90	26.764 F	0.418 D	21.492	1439.9
4.25	4.21	26.776 F	0.420 D	21.502	1439.9
4.50	4.49	26.781 F	0.422 D	21.506	1440.0
4.75	4.73	26.783 F	0.430 D	21.507	1440.0
5.00	4.94	26.786 F	0.436 D	21.510	1440.0
5.25	5.24	26.797 F	0.441 D	21.518	1440.1
5.50	5.42	26.815 F	0.444 D	21.533	1440.1
5.75	5.69	26.824 F	0.453 D	21.540	1440.2
6.00	6.00	26.826 F	0.459 D	21.541	1440.2
6.25	6.18	26.833 F	0.464 D	21.546	1440.2
6.50	6.46	26.882 F	0.467 D	21.586	1440.3
6.75	6.68	26.905 F	0.473 D	21.604	1440.4
7.00	6.89	26.911 F	0.479 D	21.608	1440.4
7.25	7.16	26.920 G	0.486 F	21.615	1440.5
7.50	7.49	27.006 G	0.497 F	21.684	1440.7
7.75	7.63	27.044 G	0.530 F	21.713	1440.9
8.00	7.97	27.056 G	0.594 F	21.721	1441.2
8.25	8.28	27.063 G	0.624 F	21.725	1441.3
8.50	8.49	27.162 G	0.639 F	21.804	1441.5
8.75	8.70	27.218 G	0.671 F	21.848	1441.8
9.00	8.97	27.247 G	0.732 F	21.869	1442.1
9.25	9.24	27.265 F	0.757 F	21.882	1442.2
9.50	9.47	27.336 F	0.770 F	21.939	1442.4
9.75	9.77	27.397 F	0.800 F	21.987	1442.6
10.00	10.04	27.433 F	0.864 F	22.013	1443.0
10.25	10.25	27.454 F	0.911 F	22.028	1443.2
10.50	10.46	27.486 F	0.926 F	22.053	1443.3
10.75	10.71	27.546 F	0.932 F	22.101	1443.4
11.00	10.99	27.588 F	0.940 F	22.134	1443.5
11.25	11.22	27.615 F	0.981 F	22.154	1443.8
11.50	11.50	27.625 F	1.017 F	22.160	1444.0
11.75	11.71	27.568 F	1.039 F	22.194	1444.1
12.00	11.97	27.707 F	1.061 F	22.224	1444.3
12.25	12.27	27.732 F	1.114 F	22.242	1444.6
12.50	12.50	27.747 F	1.154 F	22.252	1444.8
12.75	12.77	27.773 F	1.172 F	22.272	1444.9
13.00	12.98	27.810 F	1.193 F	22.301	1445.0
13.25	13.22	27.837 F	1.222 F	22.321	1445.2
13.50	13.50	27.859 F	1.264 F	22.337	1445.4
13.75	13.76	27.871 F	1.286 F	22.345	1445.6
14.00	13.97	27.901 F	1.303 F	22.368	1445.7
14.25	14.24	27.928 F	1.314 F	22.389	1445.8
14.50	14.50	27.949 F	1.331 F	22.405	1445.9
14.75	14.78	27.962 F	1.342 F	22.415	1445.9
15.00	15.03	27.984 F	1.352 F	22.432	1446.0
15.25	15.29	28.006 F	1.361 F	22.450	1446.1
15.50	15.55	28.021 F	1.379 E	22.461	1446.2
15.75	15.77	28.038 F	1.398 F	22.473	1446.3
16.00	16.03	28.056 F	1.407 E	22.487	1446.4
16.25	16.35	28.074 F	1.417 F	22.501	1446.5
16.50	16.56	28.036 F	1.421 E	22.511	1446.5
16.75	16.81	28.109 F	1.429 E	22.529	1446.6
17.00	17.10	28.126 F	1.437 E	22.542	1446.6
17.25	17.24	28.143 F	1.447 E	22.555	1446.7
17.50	17.58	28.158 F	1.452 E	22.567	1446.8
17.75	17.79	28.184 F	1.454 E	22.587	1446.8
18.00	18.06	28.202 F	1.456 E	22.602	1446.8
18.25	18.27	28.224 F	1.460 E	22.619	1446.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
18.50	18.60	28.247 F	1.460 E	22.637	1446.9
18.75	18.77	28.281 F	1.459 F	22.665	1447.0
19.00	19.07	28.307 F	1.458 E	22.686	1447.0
19.25	19.26	28.340 F	1.457 F	22.712	1447.1
19.50	19.55	28.376 F	1.452 F	22.741	1447.1
19.75	19.88	28.413 F	1.444 E	22.771	1447.1
20.00	20.00	28.452 F	1.435 E	22.803	1447.1
20.25	20.36	28.500 F	1.417 E	22.842	1447.1
20.50	20.58	28.558 F	1.383 E	22.890	1447.0
20.75	20.85	28.595 F	1.341 E	22.922	1446.9
21.00	21.06	28.644 F	1.293 F	22.964	1446.8
21.25	21.31	28.710 F	1.235 E	23.019	1446.6
21.50	21.60	28.787 F	1.190 E	23.083	1446.5
21.75	21.90	28.815 F	1.121 E	23.109	1446.2
22.00	22.13	28.857 F	1.034 E	23.147	1445.9
22.25	22.37	28.930 F	0.929 E	23.210	1445.5
22.50	22.65	29.012 F	0.859 E	23.279	1445.3
22.75	22.86	29.040 F	0.789 E	23.305	1445.0
23.00	23.16	29.067 F	0.677 F	23.331	1444.6
23.25	23.38	29.131 F	0.549 F	23.388	1444.1
23.50	23.58	29.199 F	0.478 E	23.445	1443.8
23.75	23.92	29.228 F	0.419 E	23.471	1443.6
24.00	24.14	29.249 F	0.322 E	23.492	1443.2
24.25	24.39	29.294 F	0.207 F	23.532	1442.7
24.50	24.66	29.340 F	0.122 E	23.572	1442.4
24.75	24.89	29.373 F	0.068 E	23.601	1442.2
25.00	25.19	29.393 F	-0.004 F	23.619	1441.9
25.25	25.36	29.418 F	-0.090 E	23.642	1441.5
25.50	25.59	29.447 F	-0.171 E	23.668	1441.2
25.75	25.84	29.474 F	-0.244 F	23.692	1440.9
26.00	26.10	29.499 F	-0.312 E	23.715	1440.6
26.25	26.43	29.511 F	-0.376 E	23.726	1440.4
26.50	26.63	29.529 F	-0.443 F	23.743	1440.1
26.75	26.92	29.544 F	-0.504 E	23.756	1439.8
27.00	27.14	29.564 F	-0.555 E	23.774	1439.6
27.25	27.35	29.569 F	-0.600 F	23.779	1439.4
27.50	27.65	29.580 F	-0.648 F	23.789	1439.2
27.75	27.86	29.586 F	-0.695 E	23.795	1439.0
28.00	28.14	29.600 F	-0.734 E	23.808	1438.8
28.25	28.43	29.603 F	-0.762 F	23.811	1438.7
28.50	28.69	29.609 F	-0.790 F	23.816	1438.6
28.75	28.91	29.609 F	-0.815 E	23.817	1438.5
29.00	29.18	29.617 F	-0.837 F	23.824	1438.4
29.25	29.39	29.619 F	-0.857 E	23.826	1438.3
29.50	29.75	29.625 F	-0.876 E	23.831	1438.2
29.75	29.91	29.621 F	-0.893 E	23.828	1438.1
30.00	30.21	29.627 F	-0.908 F	23.833	1438.1
30.25	30.48	29.628 E	-0.920 D	23.834	1438.0
30.50	30.71	29.632 E	-0.932 D	23.838	1438.0
30.75	30.97	29.627 E	-0.944 D	23.834	1437.9
31.00	31.22	29.632 E	-0.960 D	23.839	1437.9
31.25	31.48	29.635 F	-0.973 D	23.841	1437.8
31.50	31.77	29.639 E	-0.982 D	23.845	1437.8
31.75	31.91	29.636 E	-0.989 D	23.842	1437.7
32.00	32.19	29.630 E	-0.998 D	23.845	1437.7
32.25	32.43	29.641 E	-1.008 C	23.847	1437.7
32.50	32.71	29.644 E	-1.017 C	23.849	1437.6
32.75	33.00	29.644 E	-1.025 C	23.850	1437.6
33.00	33.24	29.647 E	-1.040 C	23.852	1437.5
33.25	33.42	29.650 E	-1.054 C	23.855	1437.5
33.50	33.78	29.650 E	-1.066 C	23.855	1437.4
33.75	33.99	29.655 E	-1.077 C	23.860	1437.4
34.00	34.29	29.656 F	-1.089 C	23.861	1437.3
34.25	34.50	29.658 F	-1.101 C	23.862	1437.3
34.50	34.79	29.654 F	-1.111 C	23.859	1437.2
34.75	34.99	29.659 E	-1.121 C	23.864	1437.2
35.00	35.25	29.660 E	-1.132 C	23.865	1437.2
35.25	35.49	29.661 E	-1.141 C	23.866	1437.1
35.50	35.75	29.655 E	-1.149 C	23.861	1437.1
35.75	35.97	29.658 F	-1.156 C	23.864	1437.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
36.00	36.25	29.660 F	-1.160 C	23.865	1437.0
36.25	36.51	29.658 F	-1.165 C	23.864	1437.0
36.50	36.76	29.652 F	-1.168 C	23.859	1437.0
36.75	37.02	29.654 F	-1.172 C	23.861	1437.0
37.00	37.25	29.657 F	-1.175 C	23.863	1437.0
37.25	37.50	29.651 F	-1.180 C	23.858	1437.0
37.50	37.74	29.649 F	-1.183 C	23.857	1436.9
37.75	38.02	29.650 F	-1.187 C	23.858	1436.9
38.00	38.26	29.653 F	-1.190 C	23.860	1436.9
38.25	38.55	29.645 F	-1.194 C	23.854	1436.9
38.50	38.76	29.647 F	-1.198 C	23.855	1436.9
38.75	39.04	29.648 F	-1.202 C	23.856	1436.9
39.00	39.34	29.648 F	-1.203 C	23.856	1436.9
39.25	39.52	29.641 F	-1.206 C	23.851	1436.9
39.50	39.81	29.645 F	-1.212 C	23.854	1436.8
39.75	40.11	29.645 F	-1.215 C	23.854	1436.8
40.00	40.29	29.642 F	-1.216 C	23.852	1436.8
40.25	40.59	29.640 F	-1.220 C	23.850	1436.8
40.50	40.73	29.641 F	-1.226 C	23.851	1436.8
40.75	41.05	29.642 F	-1.228 C	23.852	1436.8
41.00	41.32	29.637 F	-1.228 C	23.848	1436.8
41.25	41.55	29.637 F	-1.230 C	23.848	1436.8
41.50	41.79	29.636 F	-1.234 C	23.847	1436.7
41.75	42.10	29.637 F	-1.237 C	23.848	1436.7
42.00	42.35	29.632 F	-1.239 C	23.844	1436.7
42.25	42.54	29.634 F	-1.241 C	23.846	1436.7
42.50	42.88	29.631 F	-1.243 C	23.843	1436.7
42.75	43.06	29.632 F	-1.244 C	23.844	1436.7
43.00	43.31	29.628 F	-1.245 C	23.841	1436.7
43.25	43.64	29.628 F	-1.246 C	23.841	1436.7
43.50	43.80	29.627 F	-1.247 C	23.840	1436.7
43.75	44.17	29.626 F	-1.248 C	23.839	1436.7
44.00	44.32	29.625 F	-1.249 C	23.839	1436.7
44.25	44.62	29.625 F	-1.251 C	23.839	1436.7
44.50	44.82	29.625 F	-1.252 C	23.839	1436.7
44.75	45.13	29.623 F	-1.251 C	23.837	1436.7
45.00	45.30	29.623 F	-1.252 C	23.837	1436.7
45.25	45.65	29.622 F	-1.254 C	23.836	1436.7
45.50	45.88	29.624 F	-1.256 C	23.838	1436.7
45.75	46.13	29.620 F	-1.256 C	23.835	1436.7
46.00	46.44	29.621 F	-1.258 C	23.835	1436.7
46.25	46.58	29.621 F	-1.259 C	23.835	1436.7
46.50	46.83	29.623 F	-1.261 C	23.837	1436.7
46.75	47.13	29.618 F	-1.261 C	23.833	1436.7
47.00	47.39	29.619 F	-1.263 C	23.834	1436.7
47.25	47.58	29.618 F	-1.264 C	23.833	1436.7
47.50	47.95	29.620 F	-1.265 C	23.835	1436.7
47.75	48.13	29.616 F	-1.266 C	23.832	1436.7
48.00	48.36	29.617 F	-1.267 C	23.832	1436.7
48.25	48.64	29.615 F	-1.268 C	23.831	1436.7
48.50	48.86	29.616 F	-1.269 C	23.832	1436.7
48.75	49.13	29.613 F	-1.270 C	23.829	1436.7
49.00	49.44	29.614 F	-1.270 C	23.830	1436.7
49.25	49.70	29.612 F	-1.271 C	23.828	1436.7
49.50	49.88	29.612 F	-1.272 C	23.828	1436.7
49.75	50.16	29.611 F	-1.272 C	23.828	1436.7
50.00	50.48	29.610 F	-1.272 C	23.827	1436.7
50.25	50.71	29.609 F	-1.274 C	23.826	1436.7
50.50	50.95	29.611 F	-1.275 C	23.828	1436.7
50.75	51.14	29.610 F	-1.275 C	23.827	1436.7
51.00	51.49	29.608 F	-1.276 C	23.825	1436.7
51.25	51.64	29.607 F	-1.277 C	23.824	1436.7
51.50	51.92	29.609 F	-1.278 C	23.826	1436.7
51.75	52.17	29.610 F	-1.278 C	23.827	1436.7
52.00	52.48	29.606 F	-1.280 C	23.824	1436.7
52.25	52.65	29.605 F	-1.281 C	23.823	1436.7
52.50	52.98	29.608 F	-1.283 C	23.825	1436.7
52.75	53.21	29.609 F	-1.283 C	23.826	1436.7
53.00	53.45	29.605 F	-1.284 C	23.823	1436.7
53.25	53.70	29.603 F	-1.285 C	23.821	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
53.50	53.94	29.605 E	-1.287 C	23.823	1436.7
53.75	54.21	29.609 E	-1.287 C	23.826	1436.7
54.00	54.47	29.604 E	-1.288 C	23.822	1436.7
54.25	54.70	29.603 E	-1.290 C	23.821	1436.6
54.50	54.93	29.603 E	-1.291 C	23.821	1436.6
54.75	55.22	29.608 E	-1.293 C	23.826	1436.6
55.00	55.54	29.605 E	-1.294 C	23.823	1436.6
55.25	55.73	29.603 E	-1.295 C	23.822	1436.6
55.50	55.99	29.601 E	-1.297 C	23.820	1436.6
55.75	56.25	29.606 E	-1.298 C	23.824	1436.6
56.00	56.54	29.606 E	-1.299 C	23.824	1436.6
56.25	56.70	29.602 E	-1.300 C	23.821	1436.6
56.50	56.98	29.602 E	-1.302 C	23.821	1436.6
56.75	57.23	29.605 E	-1.303 C	23.823	1436.6
57.00	57.55	29.603 E	-1.304 C	23.822	1436.6
57.25	57.76	29.600 E	-1.304 C	23.819	1436.6
57.50	57.99	29.604 E	-1.306 C	23.823	1436.6
57.75	58.33	29.605 E	-1.306 C	23.823	1436.6

EXPERIMENT 431



CRUISE 02-71-015 CRI CAMBRIDGE BAY EXPER. NO. 431
 LAT. N69 05.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 041071 LOCAL TIME 0930

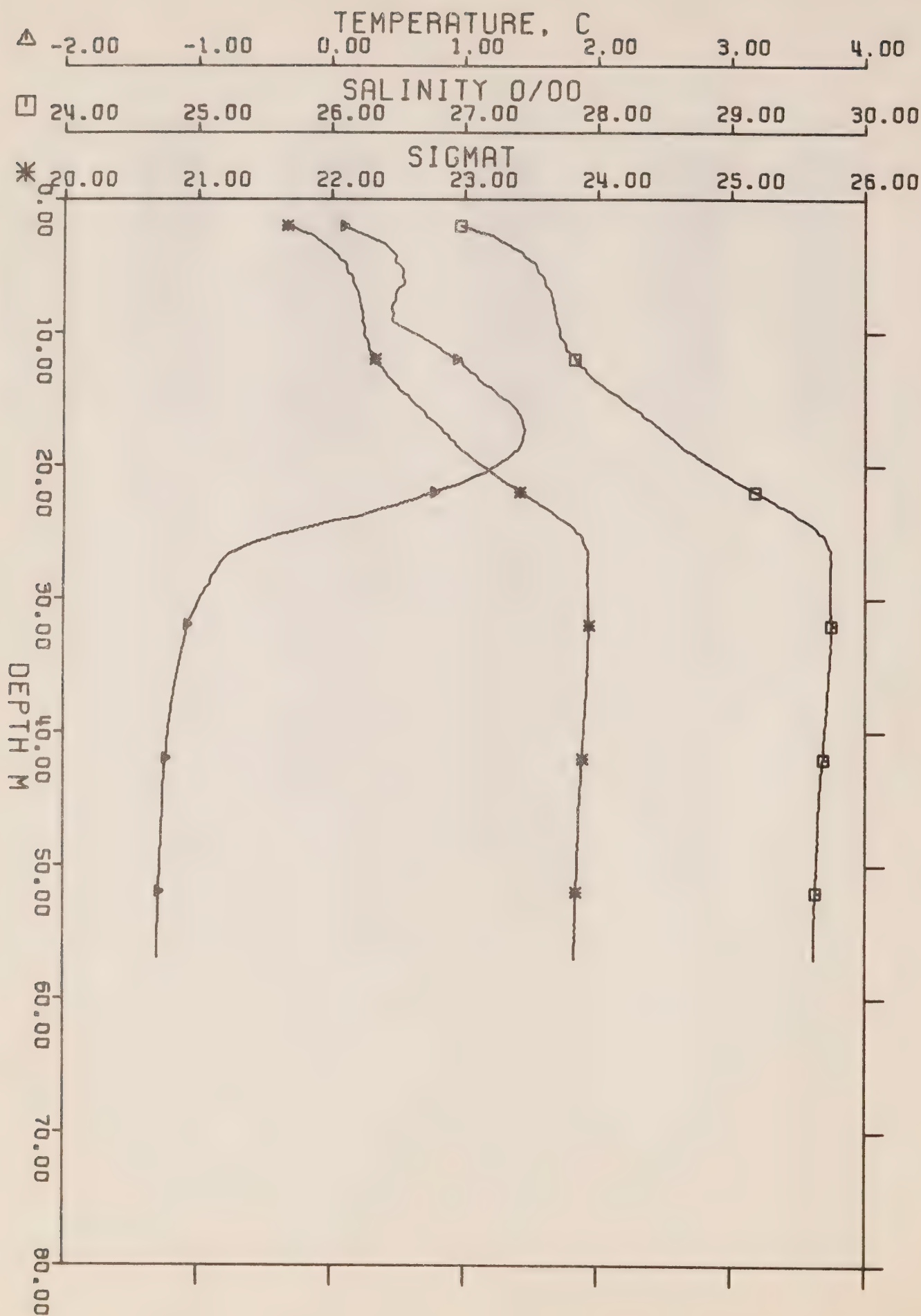
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.25	2.35	26.297 G	-0.012 F	21.130	1437.2
2.50	2.58	26.340 G	-0.009 F	21.164	1437.3
2.75	2.83	26.365 G	0.001 F	21.184	1437.4
3.00	3.14	26.392 G	0.031 F	21.205	1437.6
3.25	3.34	26.453 G	0.044 F	21.254	1437.7
3.50	3.61	26.537 G	0.057 F	21.321	1437.9
3.75	3.86	26.578 G	0.167 F	21.351	1438.5
4.00	4.05	26.611 G	0.239 F	21.375	1438.9
4.25	4.33	26.688 G	0.283 F	21.436	1439.2
4.50	4.55	26.784 G	0.302 F	21.512	1439.4
4.75	4.84	26.830 G	0.406 F	21.546	1440.0
5.00	5.07	26.882 G	0.462 F	21.586	1440.3
5.25	5.29	26.958 F	0.494 F	21.646	1440.5
5.50	5.58	27.031 F	0.506 F	21.704	1440.7
5.75	5.86	27.061 F	0.601 F	21.725	1441.2
6.00	6.14	27.104 F	0.628 F	21.758	1441.4
6.25	6.34	27.157 F	0.648 F	21.800	1441.5
6.50	6.60	27.198 F	0.648 F	21.833	1441.6
6.75	6.85	27.211 F	0.635 F	21.844	1441.6
7.00	7.13	27.245 F	0.604 F	21.872	1441.5
7.25	7.32	27.282 F	0.595 F	21.902	1441.5
7.50	7.57	27.302 F	0.605 F	21.918	1441.6
7.75	7.88	27.303 F	0.623 F	21.918	1441.7
8.00	8.03	27.312 F	0.627 F	21.925	1441.7
8.25	8.40	27.336 F	0.644 F	21.944	1441.8
8.50	8.68	27.349 F	0.671 F	21.953	1441.9
8.75	8.94	27.353 F	0.698 F	21.955	1442.1
9.00	9.12	27.357 F	0.714 F	21.958	1442.2
9.25	9.38	27.380 F	0.734 F	21.976	1442.3
9.50	9.61	27.391 F	0.767 F	21.983	1442.5
9.75	9.88	27.400 F	0.808 F	21.989	1442.7
10.00	10.10	27.406 F	0.845 F	21.992	1442.8
10.25	10.35	27.429 F	0.864 E	22.010	1443.0
10.50	10.66	27.436 F	0.883 F	22.015	1443.1
10.75	10.90	27.451 F	0.898 E	22.026	1443.2
11.00	11.18	27.460 F	0.913 F	22.040	1443.3
11.25	11.41	27.499 F	0.925 E	22.063	1443.4
11.50	11.67	27.503 F	0.942 F	22.066	1443.5
11.75	11.89	27.520 F	0.955 E	22.079	1443.5
12.00	12.12	27.549 F	0.964 E	22.102	1443.6
12.25	12.41	27.588 F	0.991 E	22.132	1443.8
12.50	12.64	27.593 F	1.020 E	22.135	1443.9
12.75	12.86	27.614 F	1.048 E	22.150	1444.1
13.00	13.18	27.648 F	1.065 F	22.177	1444.2
13.25	13.39	27.695 F	1.099 F	22.213	1444.5
13.50	13.74	27.709 F	1.139 E	22.222	1444.7
13.75	13.89	27.732 F	1.180 E	22.239	1444.9
14.00	14.21	27.769 F	1.203 E	22.267	1445.0
14.25	14.42	27.817 F	1.234 E	22.304	1445.3
14.50	14.73	27.842 F	1.271 E	22.323	1445.5
14.75	14.95	27.868 F	1.311 F	22.342	1445.7
15.00	15.20	27.904 F	1.334 F	22.369	1445.8
15.25	15.50	27.944 F	1.355 D	22.400	1446.0
15.50	15.68	27.974 F	1.380 D	22.423	1446.1
15.75	15.98	28.000 F	1.404 D	22.443	1446.3
16.00	16.23	28.036 F	1.415 D	22.471	1446.4
16.25	16.44	28.067 F	1.427 D	22.495	1446.5
16.50	16.70	28.098 F	1.440 D	22.519	1446.6
16.75	16.92	28.125 F	1.451 D	22.540	1446.7
17.00	17.23	28.158 F	1.460 D	22.566	1446.8
17.25	17.43	28.184 F	1.466 D	22.587	1446.9
17.50	17.76	28.212 F	1.469 D	22.609	1446.9
17.75	17.98	28.241 F	1.469 D	22.632	1447.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
18.00	18.23	28.272 F	1.465 D	22.657	1447.0
18.25	18.46	28.300 F	1.459 D	22.680	1447.0
18.50	18.73	28.323 F	1.453 D	22.699	1447.0
18.75	19.02	28.357 F	1.444 D	22.726	1447.0
19.00	19.24	28.386 F	1.431 D	22.750	1447.0
19.25	19.49	28.423 F	1.416 D	22.780	1447.0
19.50	19.70	28.444 F	1.403 D	22.798	1447.0
19.75	20.03	28.491 F	1.386 D	22.836	1446.9
20.00	20.27	28.521 F	1.365 D	22.861	1446.9
20.25	20.49	28.574 F	1.348 D	22.905	1446.9
20.50	20.78	28.597 F	1.316 D	22.925	1446.8
20.75	21.01	28.658 F	1.292 D	22.975	1446.8
21.00	21.26	28.698 F	1.229 D	23.010	1446.5
21.25	21.60	28.770 F	1.200 D	23.069	1446.5
21.50	21.76	28.800 F	1.119 D	23.097	1446.2
21.75	22.13	28.874 F	1.075 D	23.158	1446.1
22.00	22.23	28.929 F	0.966 D	23.208	1445.7
22.25	22.52	29.005 F	0.913 D	23.271	1445.5
22.50	22.77	29.039 F	0.805 D	23.303	1445.1
22.75	23.06	29.106 F	0.712 D	23.361	1444.8
23.00	23.27	29.173 F	0.570 D	23.421	1444.2
23.25	23.61	29.237 F	0.494 D	23.475	1444.0
23.50	23.77	29.266 F	0.368 D	23.503	1443.4
23.75	24.08	29.316 F	0.242 D	23.548	1442.9
24.00	24.30	29.378 F	0.116 D	23.603	1442.4
24.25	24.57	29.421 F	0.025 D	23.641	1442.1
24.50	24.83	29.442 F	-0.070 D	23.661	1441.7
24.75	24.98	29.466 F	-0.189 D	23.684	1441.1
25.00	25.31	29.513 F	-0.279 D	23.725	1440.8
25.25	25.47	29.536 F	-0.351 D	23.745	1440.5
25.50	25.80	29.546 F	-0.422 D	23.756	1440.2
25.75	26.12	29.559 F	-0.493 D	23.768	1439.9
26.00	26.38	29.582 F	-0.559 D	23.788	1439.6
26.25	26.57	29.594 F	-0.611 D	23.800	1439.4
26.50	26.88	29.596 F	-0.647 D	23.802	1439.2
26.75	27.09	29.605 F	-0.677 D	23.810	1439.1
27.00	27.31	29.611 F	-0.714 D	23.816	1438.9
27.25	27.63	29.612 F	-0.742 D	23.817	1438.8
27.50	27.80	29.607 F	-0.761 D	23.814	1438.7
27.75	28.08	29.622 F	-0.779 D	23.826	1438.7
28.00	28.36	29.616 F	-0.799 D	23.822	1438.6
28.25	28.63	29.612 F	-0.817 D	23.819	1438.5
28.50	28.84	29.608 F	-0.831 D	23.816	1438.4
28.75	29.13	29.621 F	-0.843 D	23.827	1438.4
29.00	29.43	29.615 F	-0.852 D	23.822	1438.3
29.25	29.61	29.607 F	-0.865 D	23.816	1438.3
29.50	29.87	29.609 F	-0.877 D	23.818	1438.2
29.75	30.19	29.618 F	-0.892 D	23.826	1438.1
30.00	30.38	29.616 F	-0.902 D	23.824	1438.1
30.25	30.65	29.608 F	-0.914 C	23.818	1438.0
30.50	30.85	29.614 F	-0.930 C	23.823	1438.0
30.75	31.00	29.618 F	-0.941 C	23.827	1437.9
31.00	31.38	29.619 F	-0.952 C	23.828	1437.9
31.25	31.69	29.615 F	-0.963 C	23.825	1437.8
31.50	31.96	29.617 F	-0.979 C	23.827	1437.8
31.75	32.22	29.623 F	-0.991 C	23.832	1437.7
32.00	32.43	29.619 F	-1.005 C	23.829	1437.7
32.25	32.65	29.623 F	-1.015 C	23.832	1437.6
32.50	32.89	29.617 F	-1.030 C	23.828	1437.5
32.75	33.24	29.625 F	-1.041 C	23.835	1437.5
33.00	33.35	29.617 F	-1.051 C	23.828	1437.4
33.25	33.68	29.626 F	-1.061 C	23.836	1437.4
33.50	33.93	29.616 F	-1.069 C	23.828	1437.4
33.75	34.17	29.621 F	-1.080 C	23.832	1437.3
34.00	34.45	29.616 F	-1.088 C	23.828	1437.3
34.25	34.65	29.623 F	-1.097 C	23.834	1437.3
34.50	34.95	29.616 F	-1.102 C	23.829	1437.2
34.75	35.12	29.619 F	-1.109 C	23.831	1437.2
35.00	35.40	29.616 F	-1.114 C	23.829	1437.2
35.25	35.74	29.620 F	-1.121 C	23.832	1437.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.50	35.90	29.619 F	-1.126 C	23.831	1437.1
35.75	36.21	29.619 E	-1.130 C	23.832	1437.1
36.00	36.41	29.620 F	-1.136 C	23.832	1437.1
36.25	36.72	29.623 E	-1.141 C	23.835	1437.1
36.50	36.98	29.623 E	-1.146 C	23.835	1437.1
36.75	37.22	29.623 E	-1.149 C	23.835	1437.1
37.00	37.53	29.625 F	-1.155 C	23.837	1437.0
37.25	37.68	29.628 F	-1.161 C	23.839	1437.0
37.50	38.01	29.626 E	-1.163 C	23.838	1437.0
37.75	38.13	29.625 E	-1.173 C	23.837	1437.0
38.00	38.45	29.628 F	-1.179 C	23.840	1436.9
38.25	38.70	29.629 E	-1.186 C	23.841	1436.9
38.50	38.96	29.626 E	-1.192 C	23.838	1436.9
38.75	39.21	29.623 E	-1.196 C	23.836	1436.9
39.00	39.48	29.623 E	-1.202 C	23.836	1436.8
39.25	39.76	29.626 E	-1.207 C	23.839	1436.8
39.50	40.01	29.620 E	-1.213 C	23.834	1436.8
39.75	40.26	29.617 E	-1.216 C	23.832	1436.8
40.00	40.43	29.614 F	-1.219 C	23.829	1436.8
40.25	40.73	29.620 E	-1.221 C	23.834	1436.8
40.50	40.95	29.613 E	-1.223 C	23.828	1436.8
40.75	41.22	29.610 E	-1.223 C	23.826	1436.8
41.00	41.54	29.605 E	-1.224 C	23.822	1436.7
41.25	41.72	29.615 E	-1.225 C	23.830	1436.8
41.50	42.02	29.608 F	-1.226 C	23.824	1436.8
41.75	42.33	29.606 E	-1.227 C	23.823	1436.7
42.00	42.58	29.602 E	-1.229 C	23.820	1436.7
42.25	42.79	29.610 E	-1.230 C	23.826	1436.7
42.50	43.07	29.607 E	-1.231 C	23.824	1436.7
42.75	43.28	29.606 E	-1.232 C	23.823	1436.7
43.00	43.54	29.600 E	-1.235 C	23.818	1436.7
43.25	43.78	29.607 E	-1.238 C	23.824	1436.7
43.50	44.03	29.604 E	-1.241 C	23.821	1436.7
43.75	44.26	29.606 E	-1.243 C	23.823	1436.7
44.00	44.53	29.599 E	-1.247 C	23.818	1436.7
44.25	44.74	29.604 E	-1.249 C	23.822	1436.7
44.50	45.06	29.601 E	-1.251 C	23.819	1436.7
44.75	45.31	29.603 E	-1.251 C	23.821	1436.7
45.00	45.51	29.594 E	-1.253 C	23.814	1436.7
45.25	45.78	29.601 E	-1.255 C	23.819	1436.7
45.50	46.07	29.597 F	-1.257 C	23.816	1436.7
45.75	46.29	29.597 E	-1.257 C	23.816	1436.7
46.00	46.59	29.589 E	-1.258 C	23.810	1436.6
46.25	46.81	29.596 E	-1.259 C	23.815	1436.7
46.50	47.14	29.592 E	-1.259 C	23.812	1436.7
46.75	47.33	29.590 E	-1.260 C	23.810	1436.7
47.00	47.52	29.583 E	-1.261 C	23.805	1436.6
47.25	47.82	29.589 E	-1.263 C	23.810	1436.6
47.50	48.09	29.585 E	-1.263 C	23.806	1436.6
47.75	48.34	29.585 E	-1.264 C	23.806	1436.6
48.00	48.58	29.579 E	-1.265 C	23.802	1436.6
48.25	48.87	29.583 F	-1.266 C	23.805	1436.6
48.50	49.14	29.580 E	-1.267 C	23.802	1436.6
48.75	49.38	29.581 E	-1.268 C	23.803	1436.6
49.00	49.59	29.577 F	-1.269 C	23.800	1436.6
49.25	49.83	29.578 E	-1.270 C	23.801	1436.6
49.50	50.15	29.576 E	-1.271 C	23.799	1436.6
49.75	50.36	29.579 E	-1.272 C	23.802	1436.6
50.00	50.60	29.576 E	-1.273 C	23.799	1436.6
50.25	50.88	29.575 E	-1.274 C	23.799	1436.6
50.50	51.18	29.576 E	-1.275 C	23.799	1436.6
50.75	51.40	29.578 E	-1.276 C	23.801	1436.6
51.00	51.69	29.576 E	-1.277 C	23.799	1436.6
51.25	51.95	29.574 E	-1.277 C	23.798	1436.6
51.50	52.10	29.576 E	-1.279 C	23.799	1436.6
51.75	52.43	29.578 E	-1.280 C	23.801	1436.6
52.00	52.68	29.577 E	-1.282 C	23.800	1436.6
52.25	52.88	29.574 E	-1.283 C	23.798	1436.6
52.50	53.17	29.578 E	-1.283 C	23.801	1436.6
52.75	53.38	29.579 E	-1.285 C	23.802	1436.6

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
53.00	53.68	29.578 E	-1.286 C	23.801	1436.6
53.25	53.93	29.576 E	-1.287 C	23.800	1436.6
53.50	54.21	29.579 E	-1.288 C	23.802	1436.6
53.75	54.49	29.580 E	-1.290 C	23.803	1436.6
54.00	54.71	29.579 E	-1.291 C	23.802	1436.6
54.25	54.89	29.577 E	-1.292 C	23.800	1436.6
54.50	55.16	29.579 E	-1.293 C	23.802	1436.6
54.75	55.47	29.579 E	-1.295 C	23.802	1436.6
55.00	55.69	29.577 E	-1.295 C	23.801	1436.6
55.25	55.90	29.577 E	-1.296 C	23.801	1436.6
55.50	56.21	29.578 E	-1.297 C	23.801	1436.6
55.75	56.48	29.577 E	-1.299 C	23.801	1436.6
56.00	56.65	29.575 E	-1.299 C	23.799	1436.6
56.25	56.92	29.578 E	-1.301 C	23.801	1436.6
56.50	57.15	29.577 E	-1.302 C	23.801	1436.6
56.75	57.44	29.574 E	-1.303 C	23.799	1436.6
57.00	57.65	29.576 E	-1.305 C	23.800	1436.6

EXPERIMENT 432



CRUISE 02-71-015 C31 CAMBRIDGE BAY EXPER. NO. 432
 LAT. N69 05.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 051071 LOCAL TIME 0830

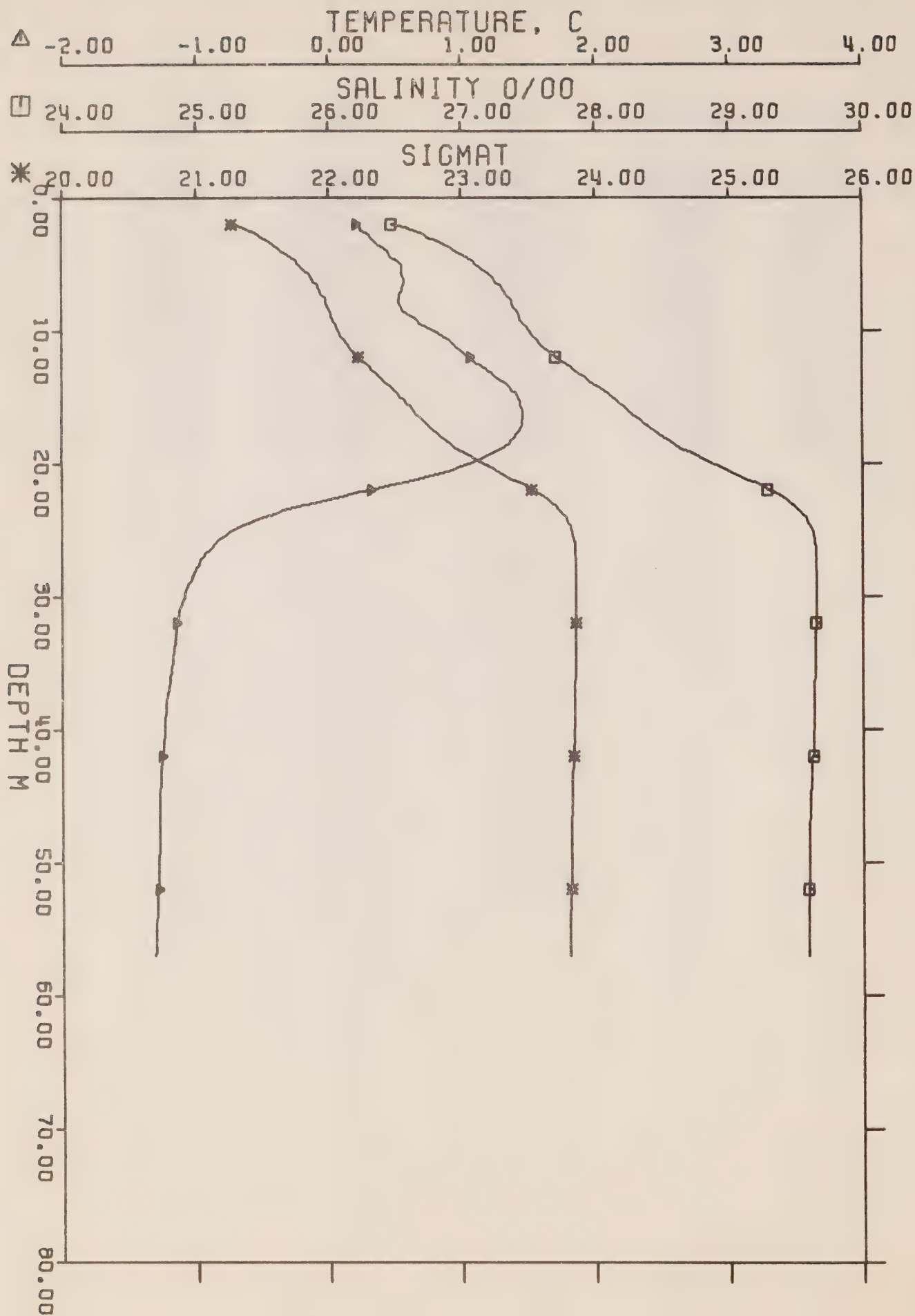
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.04	26.967 E	0.091 D	21.665	1438.6
2.25	2.40	27.045 E	0.142 D	21.727	1439.0
2.50	2.55	27.123 E	0.209 D	21.787	1439.4
2.75	2.83	27.212 E	0.264 D	21.857	1439.8
3.00	3.15	27.254 E	0.321 D	21.889	1440.1
3.25	3.41	27.295 E	0.375 D	21.920	1440.4
3.50	3.58	27.342 E	0.423 D	21.956	1440.7
3.75	3.83	27.403 E	0.450 D	22.004	1440.9
4.00	4.08	27.428 E	0.470 D	22.024	1441.1
4.25	4.38	27.444 E	0.489 F	22.036	1441.2
4.50	4.62	27.476 E	0.478 F	22.062	1441.2
4.75	4.88	27.520 F	0.484 F	22.097	1441.3
5.00	5.11	27.537 F	0.516 F	22.110	1441.4
5.25	5.34	27.537 F	0.545 F	22.109	1441.6
5.50	5.69	27.556 F	0.539 F	22.124	1441.6
5.75	5.86	27.584 F	0.534 F	22.147	1441.6
6.00	6.16	27.602 F	0.548 F	22.161	1441.7
6.25	6.39	27.602 F	0.552 F	22.160	1441.7
6.50	6.61	27.615 F	0.534 F	22.172	1441.6
6.75	6.93	27.626 F	0.497 F	22.182	1441.5
7.00	7.12	27.649 F	0.477 F	22.201	1441.4
7.25	7.37	27.652 F	0.477 F	22.203	1441.4
7.50	7.66	27.660 F	0.435 F	22.209	1441.5
7.75	7.90	27.658 F	0.470 F	22.208	1441.4
8.00	8.20	27.672 F	0.447 F	22.220	1441.4
8.25	8.35	27.670 F	0.448 F	22.219	1441.4
8.50	8.63	27.681 F	0.469 E	22.227	1441.5
8.75	8.94	27.680 F	0.462 E	22.226	1441.4
9.00	9.11	27.693 F	0.453 F	22.237	1441.4
9.25	9.40	27.688 F	0.472 E	22.232	1441.5
9.50	9.66	27.704 F	0.513 E	22.244	1441.7
9.75	9.92	27.712 F	0.557 E	22.249	1441.9
10.00	10.19	27.718 F	0.613 E	22.251	1442.2
10.25	10.42	27.710 F	0.660 F	22.243	1442.4
10.50	10.59	27.733 F	0.701 E	22.260	1442.6
10.75	10.93	27.750 F	0.737 E	22.272	1442.9
11.00	11.13	27.761 F	0.786 E	22.279	1443.1
11.25	11.39	27.763 F	0.826 E	22.279	1443.3
11.50	11.62	27.792 F	0.853 E	22.301	1443.4
11.75	11.90	27.816 F	0.887 E	22.319	1443.6
12.00	12.15	27.829 F	0.937 E	22.327	1443.9
12.25	12.39	27.838 F	0.977 E	22.333	1444.1
12.50	12.68	27.871 F	1.000 F	22.358	1444.2
12.75	12.90	27.902 F	1.023 E	22.382	1444.4
13.00	13.15	27.923 F	1.053 F	22.398	1444.6
13.25	13.49	27.937 F	1.087 E	22.407	1444.7
13.50	13.74	27.975 F	1.111 F	22.437	1444.9
13.75	13.93	28.015 F	1.137 F	22.467	1445.1
14.00	14.15	28.043 F	1.173 E	22.488	1445.3
14.25	14.50	28.060 F	1.210 E	22.500	1445.5
14.50	14.75	28.101 F	1.237 E	22.532	1445.7
14.75	15.00	28.146 F	1.263 F	22.566	1445.8
15.00	15.20	28.180 F	1.303 E	22.592	1446.1
15.25	15.45	28.200 F	1.343 F	22.606	1446.3
15.50	15.70	28.240 F	1.368 E	22.636	1446.5
15.75	15.90	28.284 F	1.388 F	22.671	1446.6
16.00	16.17	28.318 F	1.415 E	22.697	1446.8
16.25	16.44	28.341 E	1.431 E	22.714	1446.9
16.50	16.71	28.375 E	1.437 E	22.741	1447.0
16.75	17.02	28.412 E	1.442 E	22.770	1447.0
17.00	17.24	28.444 E	1.451 E	22.795	1447.1
17.25	17.45	28.469 E	1.456 E	22.815	1447.2
17.50	17.71	28.499 E	1.451 E	22.839	1447.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	18.01	28.531 F	1.443 F	22.865	1447.2
18.00	18.25	28.566 F	1.438 F	22.894	1447.3
18.25	18.50	28.595 F	1.431 F	22.917	1447.3
18.50	18.70	28.624 F	1.416 F	22.941	1447.2
18.75	18.99	28.654 F	1.396 F	22.966	1447.2
19.00	19.22	28.696 F	1.373 F	23.001	1447.2
19.25	19.48	28.733 F	1.350 F	23.032	1447.1
19.50	19.81	28.766 F	1.320 F	23.060	1447.0
19.75	20.04	28.802 F	1.280 F	23.091	1446.9
20.00	20.24	28.843 F	1.238 F	23.130	1446.8
20.25	20.56	28.890 F	1.201 F	23.165	1446.7
20.50	20.75	28.922 F	1.160 F	23.198	1446.5
20.75	21.00	28.966 F	1.099 F	23.231	1446.3
21.00	21.31	29.011 F	1.036 F	23.270	1446.1
21.25	21.57	29.055 F	0.979 F	23.308	1445.9
21.50	21.73	29.101 F	0.917 F	23.348	1445.7
21.75	22.01	29.140 F	0.847 F	23.382	1445.4
22.00	22.20	29.180 F	0.774 F	23.418	1445.1
22.25	22.57	29.230 F	0.702 F	23.461	1444.9
22.50	22.74	29.281 F	0.631 F	23.505	1444.6
22.75	23.05	29.318 F	0.564 F	23.537	1444.4
23.00	23.28	29.354 F	0.483 F	23.570	1444.1
23.25	23.53	29.408 F	0.387 F	23.617	1443.7
23.50	23.75	29.456 F	0.300 F	23.659	1443.4
23.75	24.07	29.487 F	0.220 F	23.687	1443.1
24.00	24.30	29.520 F	0.106 F	23.718	1442.6
24.25	24.52	29.573 F	-0.010 F	23.764	1442.1
24.50	24.77	29.609 F	-0.108 F	23.797	1441.7
24.75	25.03	29.631 F	-0.198 F	23.817	1441.3
25.00	25.32	29.653 F	-0.304 F	23.838	1440.9
25.25	25.56	29.687 F	-0.400 F	23.869	1440.5
25.50	25.77	29.705 F	-0.477 F	23.885	1440.1
25.75	26.07	29.713 F	-0.552 F	23.894	1439.8
26.00	26.32	29.723 F	-0.633 F	23.904	1439.4
26.25	26.55	29.740 F	-0.694 F	23.919	1439.2
26.50	26.83	29.746 F	-0.743 F	23.926	1439.0
26.75	27.09	29.745 F	-0.781 F	23.926	1438.8
27.00	27.29	29.744 F	-0.808 F	23.926	1438.7
27.25	27.56	29.748 F	-0.831 F	23.929	1438.6
27.50	27.85	29.749 F	-0.849 F	23.931	1438.5
27.75	28.06	29.745 F	-0.862 F	23.928	1438.4
28.00	28.33	29.741 F	-0.875 F	23.925	1438.4
28.25	28.64	29.744 F	-0.890 F	23.927	1438.3
28.50	28.86	29.745 F	-0.905 F	23.929	1438.2
28.75	29.09	29.741 F	-0.913 F	23.926	1438.2
29.00	29.38	29.738 F	-0.924 F	23.923	1438.2
29.25	29.63	29.741 F	-0.943 F	23.926	1438.1
29.50	29.90	29.744 F	-0.964 F	23.929	1438.0
29.75	30.14	29.741 F	-0.974 F	23.927	1437.9
30.00	30.40	29.741 F	-0.986 F	23.927	1437.9
30.25	30.67	29.744 F	-1.001 D	23.930	1437.8
30.50	30.89	29.744 F	-1.014 D	23.930	1437.8
30.75	31.13	29.743 F	-1.024 D	23.930	1437.7
31.00	31.36	29.745 F	-1.034 D	23.931	1437.7
31.25	31.59	29.746 F	-1.047 D	23.933	1437.6
31.50	31.90	29.745 F	-1.060 D	23.932	1437.6
31.75	32.12	29.747 F	-1.069 D	23.934	1437.5
32.00	32.42	29.749 F	-1.078 D	23.936	1437.5
32.25	32.67	29.748 F	-1.083 C	23.935	1437.5
32.50	32.89	29.744 F	-1.088 C	23.932	1437.4
32.75	33.18	29.748 F	-1.093 C	23.935	1437.4
33.00	33.43	29.749 F	-1.100 C	23.936	1437.4
33.25	33.65	29.746 F	-1.105 C	23.934	1437.4
33.50	33.88	29.741 F	-1.109 C	23.930	1437.4
33.75	34.17	29.746 F	-1.116 C	23.934	1437.3
34.00	34.41	29.746 F	-1.123 C	23.934	1437.3
34.25	34.65	29.742 F	-1.127 C	23.931	1437.3
34.50	34.90	29.737 F	-1.131 C	23.927	1437.3
34.75	35.14	29.740 F	-1.137 C	23.929	1437.2
35.00	35.44	29.740 F	-1.143 C	23.930	1437.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.71	29.736 F	-1.148 C	23.926	1437.2
35.50	35.86	29.731 F	-1.154 C	23.923	1437.2
35.75	36.19	29.734 F	-1.160 C	23.925	1437.1
36.00	36.43	29.733 F	-1.165 C	23.924	1437.1
36.25	36.71	29.729 F	-1.169 C	23.921	1437.1
36.50	36.89	29.727 F	-1.173 C	23.920	1437.1
36.75	37.23	29.726 F	-1.177 C	23.919	1437.1
37.00	37.47	29.725 F	-1.181 C	23.918	1437.1
37.25	37.68	29.722 F	-1.185 C	23.916	1437.0
37.50	37.91	29.722 F	-1.189 C	23.916	1437.0
37.75	38.22	29.718 F	-1.193 C	23.913	1437.0
38.00	38.44	29.718 F	-1.198 C	23.913	1437.0
38.25	38.71	29.715 F	-1.202 C	23.910	1437.0
38.50	38.96	29.716 F	-1.205 C	23.911	1437.0
38.75	39.17	29.710 F	-1.208 C	23.907	1436.9
39.00	39.49	29.709 F	-1.211 C	23.906	1436.9
39.25	39.71	29.707 F	-1.215 C	23.904	1436.9
39.50	39.97	29.707 F	-1.217 C	23.904	1436.9
39.75	40.25	29.702 F	-1.220 C	23.900	1436.9
40.00	40.45	29.701 F	-1.221 C	23.900	1436.9
40.25	40.76	29.698 F	-1.224 C	23.897	1436.9
40.50	41.02	29.697 F	-1.226 C	23.896	1436.9
40.75	41.28	29.694 F	-1.229 C	23.894	1436.8
41.00	41.45	29.693 F	-1.229 C	23.893	1436.8
41.25	41.76	29.691 F	-1.232 C	23.892	1436.8
41.50	42.01	29.686 F	-1.234 C	23.888	1436.8
41.75	42.32	29.687 F	-1.237 C	23.888	1436.8
42.00	42.50	29.686 F	-1.239 C	23.888	1436.8
42.25	42.74	29.683 F	-1.243 C	23.885	1436.8
42.50	43.08	29.678 F	-1.246 C	23.881	1436.8
42.75	43.29	29.681 F	-1.249 C	23.884	1436.8
43.00	43.55	29.679 F	-1.252 C	23.882	1436.8
43.25	43.81	29.675 F	-1.253 C	23.879	1436.7
43.50	44.05	29.671 F	-1.254 C	23.876	1436.7
43.75	44.32	29.673 F	-1.256 C	23.877	1436.7
44.00	44.58	29.671 F	-1.258 C	23.876	1436.7
44.25	44.82	29.666 F	-1.259 C	23.872	1436.7
44.50	45.12	29.664 F	-1.260 C	23.870	1436.7
44.75	45.35	29.665 F	-1.261 C	23.871	1436.7
45.00	45.52	29.663 F	-1.262 C	23.870	1436.7
45.25	45.77	29.659 F	-1.262 C	23.866	1436.7
45.50	46.03	29.658 F	-1.262 C	23.865	1436.7
45.75	46.28	29.657 F	-1.263 C	23.865	1436.7
46.00	46.55	29.655 F	-1.264 C	23.863	1436.7
46.25	46.77	29.653 F	-1.265 C	23.861	1436.7
46.50	47.04	29.652 F	-1.266 C	23.861	1436.7
46.75	47.30	29.653 F	-1.267 C	23.862	1436.7
47.00	47.55	29.650 F	-1.268 C	23.859	1436.7
47.25	47.77	29.649 F	-1.269 C	23.858	1436.7
47.50	48.00	29.648 F	-1.270 C	23.858	1436.7
47.75	48.40	29.650 F	-1.271 C	23.859	1436.7
48.00	48.58	29.645 F	-1.272 C	23.855	1436.7
48.25	48.81	29.646 F	-1.273 C	23.856	1436.7
48.50	49.09	29.644 F	-1.275 C	23.854	1436.7
48.75	49.34	29.647 F	-1.276 C	23.857	1436.7
49.00	49.59	29.642 F	-1.277 C	23.853	1436.7
49.25	49.86	29.642 F	-1.279 C	23.853	1436.7
49.50	50.14	29.640 F	-1.280 C	23.851	1436.7
49.75	50.37	29.642 F	-1.281 C	23.853	1436.7
50.00	50.61	29.638 F	-1.283 C	23.850	1436.7
50.25	50.87	29.637 F	-1.284 C	23.849	1436.7
50.50	51.15	29.635 F	-1.284 C	23.847	1436.7
50.75	51.35	29.636 F	-1.285 C	23.848	1436.7
51.00	51.63	29.633 F	-1.286 C	23.846	1436.7
51.25	51.86	29.631 F	-1.286 C	23.844	1436.7
51.50	52.13	29.631 F	-1.286 C	23.844	1436.7
51.75	52.39	29.632 F	-1.287 C	23.845	1436.7
52.00	52.58	29.628 F	-1.288 C	23.842	1436.7
52.25	52.88	29.626 F	-1.287 C	23.840	1436.7
52.50	53.21	29.626 F	-1.288 C	23.840	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.75	53.42	29.629 F	-1.288 C	23.842	1436.7
53.00	53.71	29.623 E	-1.290 C	23.838	1436.7
53.25	53.92	29.622 E	-1.290 C	23.837	1436.7
53.50	54.15	29.622 E	-1.291 C	23.837	1436.7
53.75	54.44	29.626 E	-1.292 C	23.840	1436.7
54.00	54.61	29.620 E	-1.294 C	23.835	1436.7
54.25	54.90	29.621 E	-1.295 C	23.836	1436.7
54.50	55.25	29.619 E	-1.296 C	23.835	1436.7
54.75	55.40	29.623 F	-1.297 C	23.838	1436.7
55.00	55.74	29.618 E	-1.298 C	23.834	1436.6
55.25	55.89	29.620 E	-1.300 C	23.835	1436.6
55.50	56.21	29.618 E	-1.301 C	23.834	1436.6
55.75	56.45	29.620 E	-1.302 C	23.835	1436.6
56.00	56.70	29.619 E	-1.303 C	23.835	1436.6
56.25	56.90	29.616 E	-1.304 C	23.832	1436.6
56.50	57.24	29.619 E	-1.305 C	23.835	1436.6
56.75	57.50	29.617 E	-1.305 C	23.833	1436.6
57.00	57.72	29.619 E	-1.305 C	23.835	1436.6

EXPERIMENT 433



CRUISE 02-71-015 CRI CAMBRIDGE BAY EXPER. NO. 433
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 051071 LOCAL TIME 1430

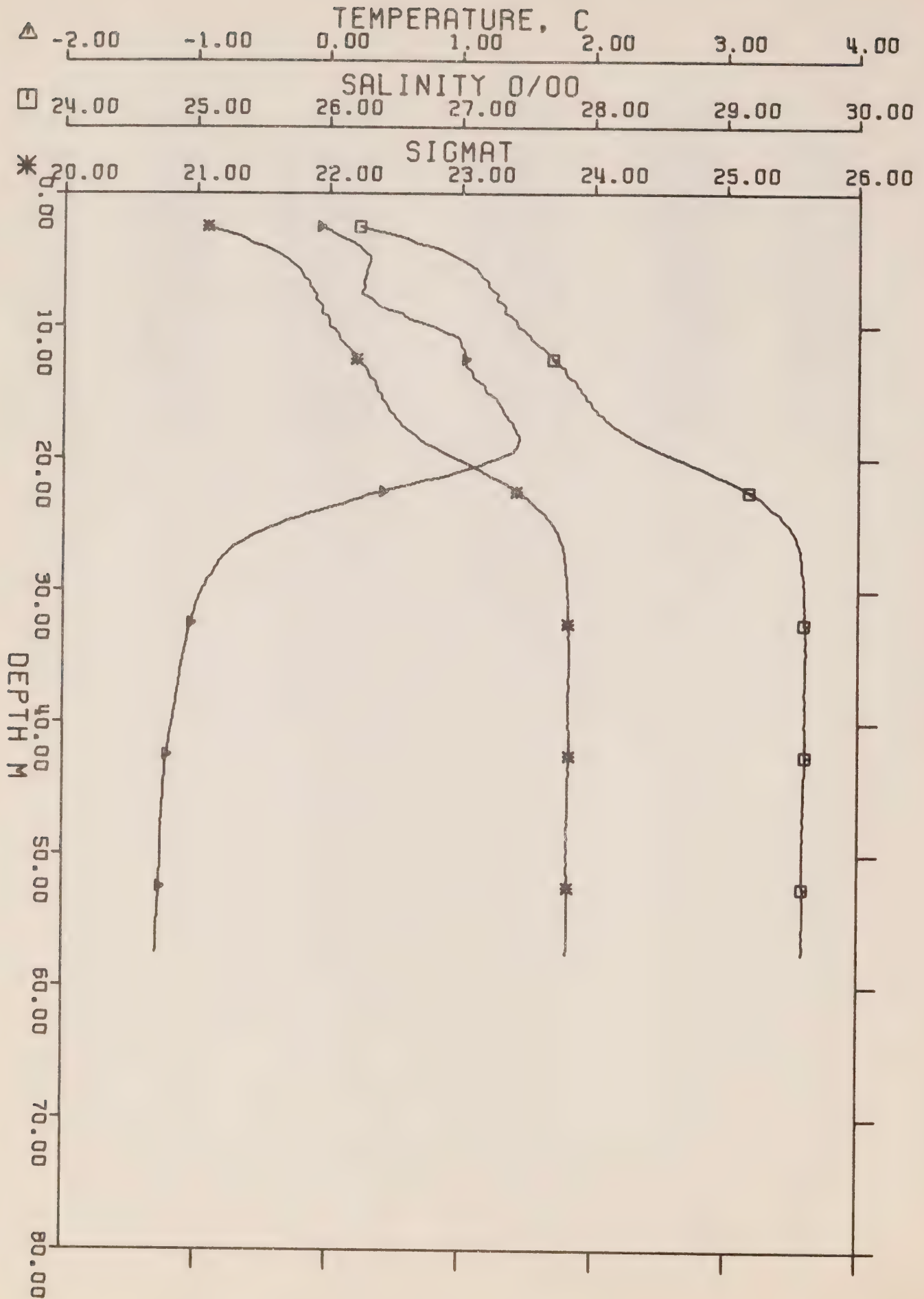
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.03	26.485 E	0.209 E	21.275	1438.5
2.25	2.28	26.583 E	0.237 E	21.353	1438.8
2.50	2.58	26.661 E	0.265 E	21.415	1439.0
2.75	2.79	26.719 E	0.310 E	21.460	1439.3
3.00	2.98	26.754 E	0.335 E	21.487	1439.5
3.25	3.21	26.820 E	0.353 E	21.540	1439.7
3.50	3.54	26.877 E	0.381 E	21.594	1439.9
3.75	3.79	26.928 E	0.434 E	21.624	1440.2
4.00	4.04	26.954 E	0.459 E	21.644	1440.4
4.25	4.24	27.000 E	0.468 E	21.680	1440.5
4.50	4.57	27.048 E	0.483 E	21.718	1440.6
4.75	4.76	27.091 E	0.526 E	21.751	1440.9
5.00	5.11	27.113 E	0.558 E	21.768	1441.0
5.25	5.29	27.140 E	0.561 E	21.789	1441.1
5.50	5.60	27.181 E	0.552 E	21.822	1441.2
5.75	5.83	27.213 E	0.560 E	21.848	1441.2
6.00	6.08	27.236 E	0.579 E	21.866	1441.3
6.25	6.31	27.252 E	0.578 E	21.879	1441.4
6.50	6.60	27.286 E	0.572 E	21.906	1441.4
6.75	6.80	27.304 E	0.559 E	21.921	1441.3
7.00	7.05	27.317 E	0.560 E	21.931	1441.4
7.25	7.35	27.329 E	0.543 E	21.942	1441.3
7.50	7.61	27.363 E	0.538 E	21.969	1441.3
7.75	7.81	27.376 E	0.534 E	21.980	1441.3
8.00	8.05	27.383 E	0.551 E	21.985	1441.4
8.25	8.30	27.389 E	0.556 E	21.989	1441.5
8.50	8.61	27.417 E	0.575 E	22.011	1441.6
8.75	8.86	27.429 E	0.613 E	22.019	1441.8
9.00	9.16	27.437 E	0.656 E	22.024	1442.0
9.25	9.38	27.444 E	0.676 E	22.029	1442.1
9.50	9.62	27.471 E	0.704 E	22.050	1442.3
9.75	9.85	27.488 E	0.744 E	22.062	1442.5
10.00	10.11	27.506 E	0.800 E	22.074	1442.8
10.25	10.35	27.519 E	0.838 E	22.083	1443.0
10.50	10.63	27.547 E	0.876 E	22.104	1443.2
10.75	10.83	27.567 E	0.917 E	22.118	1443.4
11.00	11.11	27.592 E	0.954 E	22.137	1443.6
11.25	11.39	27.617 E	0.983 E	22.155	1443.8
11.50	11.69	27.654 E	1.007 E	22.184	1444.0
11.75	11.88	27.681 E	1.034 E	22.204	1444.1
12.00	12.15	27.710 E	1.066 E	22.226	1444.3
12.25	12.39	27.743 E	1.095 E	22.251	1444.5
12.50	12.63	27.787 E	1.127 E	22.285	1444.7
12.75	12.88	27.818 E	1.168 E	22.308	1444.9
13.00	13.15	27.847 E	1.212 E	22.329	1445.2
13.25	13.40	27.884 E	1.245 D	22.358	1445.4
13.50	13.63	27.930 E	1.273 D	22.393	1445.6
13.75	13.94	27.964 E	1.310 D	22.418	1445.8
14.00	14.08	27.993 E	1.348 D	22.440	1446.0
14.25	14.42	28.028 E	1.372 D	22.467	1446.2
14.50	14.71	28.067 E	1.395 D	22.497	1446.3
14.75	14.93	28.100 E	1.422 D	22.522	1446.5
15.00	15.11	28.128 E	1.442 D	22.543	1446.6
15.25	15.41	28.157 E	1.450 D	22.566	1446.7
15.50	15.66	28.190 E	1.455 D	22.592	1446.8
15.75	15.90	28.222 E	1.461 D	22.617	1446.9
16.00	16.22	28.251 E	1.466 D	22.640	1446.9
16.25	16.36	28.277 E	1.469 D	22.661	1447.0
16.50	16.64	28.308 E	1.468 D	22.686	1447.0
16.75	16.95	28.338 E	1.463 D	22.710	1447.0
17.00	17.18	28.371 E	1.457 D	22.737	1447.1
17.25	17.42	28.400 E	1.452 D	22.760	1447.1
17.50	17.75	28.436 E	1.440 D	22.790	1447.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	17.97	28.471 E	1.420 D	22.819	1447.0
18.00	18.17	28.511 E	1.402 D	22.852	1447.0
18.25	18.43	28.548 E	1.380 D	22.882	1447.0
18.50	18.70	28.588 E	1.357 D	22.916	1446.9
18.75	18.97	28.625 E	1.322 D	22.947	1446.8
19.00	19.21	28.672 E	1.280 D	22.987	1446.7
19.25	19.47	28.726 E	1.232 D	23.032	1446.6
19.50	19.75	28.779 E	1.182 D	23.077	1446.4
19.75	19.97	28.820 E	1.125 D	23.113	1446.2
20.00	20.28	28.870 E	1.065 D	23.156	1446.0
20.25	20.46	28.933 E	1.001 D	23.200	1445.8
20.50	20.73	28.994 E	0.940 D	23.261	1445.6
20.75	20.96	29.031 E	0.855 D	23.294	1445.3
21.00	21.28	29.079 E	0.745 D	23.338	1444.9
21.25	21.47	29.149 E	0.628 C	23.399	1444.4
21.50	21.71	29.217 E	0.529 C	23.458	1444.1
21.75	22.03	29.258 E	0.432 C	23.495	1443.7
22.00	22.21	29.293 E	0.321 C	23.527	1443.2
22.25	22.47	29.346 E	0.198 C	23.574	1442.7
22.50	22.78	29.397 E	0.098 C	23.619	1442.3
22.75	23.05	29.433 E	0.001 C	23.651	1441.9
23.00	23.24	29.458 E	-0.108 C	23.675	1441.5
23.25	23.47	29.493 E	-0.232 C	23.707	1441.0
23.50	23.73	29.523 E	-0.336 C	23.735	1440.5
23.75	23.97	29.555 E	-0.411 C	23.763	1440.2
24.00	24.26	29.569 E	-0.476 C	23.776	1439.9
24.25	24.50	29.584 E	-0.544 C	23.790	1439.6
24.50	24.84	29.592 E	-0.605 C	23.798	1439.4
24.75	25.01	29.612 E	-0.666 C	23.816	1439.1
25.00	25.24	29.622 E	-0.716 C	23.825	1438.9
25.25	25.51	29.629 E	-0.755 C	23.831	1438.7
25.50	25.83	29.630 E	-0.792 C	23.833	1438.6
25.75	26.01	29.640 E	-0.829 C	23.842	1438.4
26.00	26.31	29.643 E	-0.852 C	23.845	1438.3
26.25	26.53	29.647 E	-0.883 C	23.849	1438.2
26.50	26.85	29.646 E	-0.903 C	23.849	1438.1
26.75	27.09	29.650 E	-0.932 C	23.852	1438.0
27.00	27.29	29.652 E	-0.954 C	23.855	1437.9
27.25	27.60	29.655 E	-0.968 C	23.857	1437.8
27.50	27.85	29.655 E	-0.977 C	23.858	1437.8
27.75	28.09	29.655 E	-0.992 C	23.858	1437.7
28.00	28.32	29.655 E	-1.007 C	23.858	1437.6
28.25	28.58	29.657 E	-1.019 C	23.860	1437.6
28.50	28.85	29.658 E	-1.031 C	23.861	1437.5
28.75	29.10	29.658 E	-1.045 C	23.861	1437.5
29.00	29.31	29.658 E	-1.058 C	23.862	1437.4
29.25	29.63	29.659 E	-1.069 C	23.863	1437.4
29.50	29.83	29.659 E	-1.078 C	23.863	1437.3
29.75	30.09	29.659 E	-1.087 C	23.863	1437.3
30.00	30.31	29.657 E	-1.094 C	23.862	1437.3
30.25	30.60	29.659 E	-1.103 C	23.863	1437.2
30.50	30.84	29.658 E	-1.113 C	23.863	1437.2
30.75	31.08	29.657 E	-1.121 C	23.862	1437.1
31.00	31.38	29.656 E	-1.127 C	23.861	1437.1
31.25	31.60	29.658 E	-1.132 C	23.863	1437.1
31.50	31.85	29.657 E	-1.137 C	23.862	1437.1
31.75	32.14	29.655 E	-1.141 C	23.861	1437.1
32.00	32.39	29.653 E	-1.146 C	23.859	1437.0
32.25	32.59	29.657 E	-1.149 C	23.863	1437.0
32.50	32.86	29.656 E	-1.152 C	23.862	1437.0
32.75	33.15	29.653 E	-1.155 C	23.859	1437.0
33.00	33.38	29.651 E	-1.158 C	23.858	1437.0
33.25	33.70	29.655 E	-1.162 C	23.861	1437.0
33.50	33.89	29.654 E	-1.164 C	23.860	1437.0
33.75	34.13	29.652 E	-1.166 C	23.859	1437.0
34.00	34.45	29.649 E	-1.169 C	23.857	1437.0
34.25	34.70	29.653 E	-1.173 C	23.860	1436.9
34.50	34.88	29.652 E	-1.176 C	23.859	1436.9
34.75	35.15	29.650 E	-1.179 C	23.858	1436.9
35.00	35.40	29.648 E	-1.183 C	23.856	1436.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.64	29.650 E	-1.186 C	23.858	1436.9
35.50	35.95	29.648 E	-1.190 C	23.856	1436.9
35.75	36.17	29.648 E	-1.195 C	23.856	1436.9
36.00	36.39	29.647 E	-1.198 C	23.855	1436.8
36.25	36.65	29.648 E	-1.201 C	23.856	1436.8
36.50	36.99	29.644 E	-1.205 C	23.853	1436.8
36.75	37.14	29.645 E	-1.211 C	23.854	1436.8
37.00	37.46	29.645 E	-1.215 C	23.854	1436.8
37.25	37.74	29.645 E	-1.218 C	23.854	1436.8
37.50	37.95	29.640 E	-1.222 C	23.850	1436.7
37.75	38.17	29.643 E	-1.226 C	23.853	1436.7
38.00	38.44	29.642 E	-1.229 C	23.852	1436.7
38.25	38.71	29.642 E	-1.232 C	23.852	1436.7
38.50	38.93	29.638 E	-1.233 C	23.849	1436.7
38.75	39.20	29.639 E	-1.234 C	23.850	1436.7
39.00	39.50	29.639 E	-1.236 C	23.850	1436.7
39.25	39.70	29.638 E	-1.238 C	23.849	1436.7
39.50	40.00	29.635 E	-1.239 C	23.846	1436.7
39.75	40.14	29.636 E	-1.240 C	23.847	1436.7
40.00	40.47	29.636 E	-1.242 C	23.847	1436.7
40.25	40.67	29.633 E	-1.244 C	23.845	1436.7
40.50	41.00	29.632 E	-1.245 C	23.844	1436.7
40.75	41.18	29.631 E	-1.247 C	23.843	1436.7
41.00	41.52	29.633 E	-1.250 C	23.845	1436.7
41.25	41.75	29.628 E	-1.252 C	23.841	1436.7
41.50	41.99	29.628 E	-1.254 C	23.841	1436.6
41.75	42.31	29.627 E	-1.257 C	23.840	1436.6
42.00	42.52	29.628 E	-1.259 C	23.841	1436.6
42.25	42.79	29.623 E	-1.261 C	23.837	1436.6
42.50	42.96	29.624 E	-1.263 C	23.838	1436.6
42.75	43.23	29.623 E	-1.266 C	23.837	1436.6
43.00	43.56	29.623 E	-1.268 C	23.837	1436.6
43.25	43.78	29.618 E	-1.270 C	23.833	1436.6
43.50	44.00	29.620 E	-1.271 C	23.835	1436.6
43.75	44.27	29.619 E	-1.273 C	23.834	1436.6
44.00	44.50	29.618 E	-1.274 C	23.833	1436.6
44.25	44.80	29.614 E	-1.275 C	23.830	1436.6
44.50	45.05	29.617 E	-1.276 C	23.833	1436.6
44.75	45.33	29.615 E	-1.277 C	23.831	1436.6
45.00	45.54	29.612 E	-1.278 C	23.829	1436.6
45.25	45.81	29.609 E	-1.278 C	23.826	1436.6
45.50	46.09	29.613 E	-1.279 C	23.829	1436.6
45.75	46.27	29.611 E	-1.278 C	23.828	1436.6
46.00	46.55	29.607 E	-1.279 C	23.825	1436.6
46.25	46.77	29.605 E	-1.280 C	23.823	1436.6
46.50	47.04	29.608 E	-1.280 C	23.825	1436.6
46.75	47.35	29.607 E	-1.280 C	23.825	1436.6
47.00	47.54	29.603 E	-1.280 C	23.821	1436.6
47.25	47.78	29.603 E	-1.281 C	23.821	1436.6
47.50	48.13	29.604 E	-1.281 C	23.822	1436.6
47.75	48.32	29.604 E	-1.281 C	23.822	1436.6
48.00	48.58	29.601 E	-1.281 C	23.820	1436.6
48.25	48.78	29.602 E	-1.282 C	23.821	1436.6
48.50	49.05	29.601 E	-1.283 C	23.820	1436.6
48.75	49.33	29.602 E	-1.283 C	23.821	1436.6
49.00	49.63	29.600 E	-1.284 C	23.819	1436.6
49.25	49.82	29.602 E	-1.284 C	23.821	1436.6
49.50	50.14	29.599 E	-1.286 C	23.818	1436.6
49.75	50.35	29.602 E	-1.287 C	23.821	1436.6
50.00	50.60	29.600 E	-1.287 C	23.819	1436.6
50.25	50.83	29.601 E	-1.288 C	23.820	1436.6
50.50	51.10	29.598 E	-1.289 C	23.817	1436.6
50.75	51.31	29.602 E	-1.290 C	23.821	1436.6
51.00	51.64	29.597 E	-1.291 C	23.817	1436.6
51.25	51.85	29.598 E	-1.292 C	23.817	1436.6
51.50	52.13	29.597 E	-1.293 C	23.817	1436.6
51.75	52.38	29.600 E	-1.295 C	23.819	1436.6
52.00	52.60	29.595 E	-1.295 C	23.815	1436.6
52.25	52.85	29.596 E	-1.297 C	23.816	1436.6
52.50	53.11	29.596 E	-1.297 C	23.816	1436.6

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.75	53.39	29.597 E	-1.299 C	23.817	1436.6
53.00	53.69	29.594 E	-1.300 C	23.814	1436.6
53.25	53.89	29.594 E	-1.302 C	23.814	1436.6
53.50	54.17	29.595 E	-1.303 C	23.815	1436.6
53.75	54.36	29.594 E	-1.304 C	23.814	1436.6
54.00	54.70	29.593 E	-1.305 C	23.814	1436.6
54.25	54.86	29.593 E	-1.307 C	23.814	1436.6
54.50	55.18	29.592 E	-1.307 C	23.813	1436.6
54.75	55.38	29.591 E	-1.308 C	23.812	1436.6
55.00	55.65	29.593 E	-1.310 C	23.814	1436.6
55.25	55.85	29.592 E	-1.311 C	23.813	1436.6
55.50	56.17	29.590 E	-1.312 C	23.811	1436.5
55.75	56.42	29.590 E	-1.312 C	23.811	1436.6
56.00	56.66	29.590 E	-1.313 C	23.811	1436.6
56.25	56.94	29.589 E	-1.314 C	23.811	1436.6
56.50	57.14	29.589 E	-1.315 C	23.811	1436.5
56.75	57.43	29.592 E	-1.315 C	23.813	1436.6
57.00	57.71	29.590 E	-1.316 C	23.811	1436.6

EXPERIMENT 434



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 434
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 061071 LOCAL TIME 0930

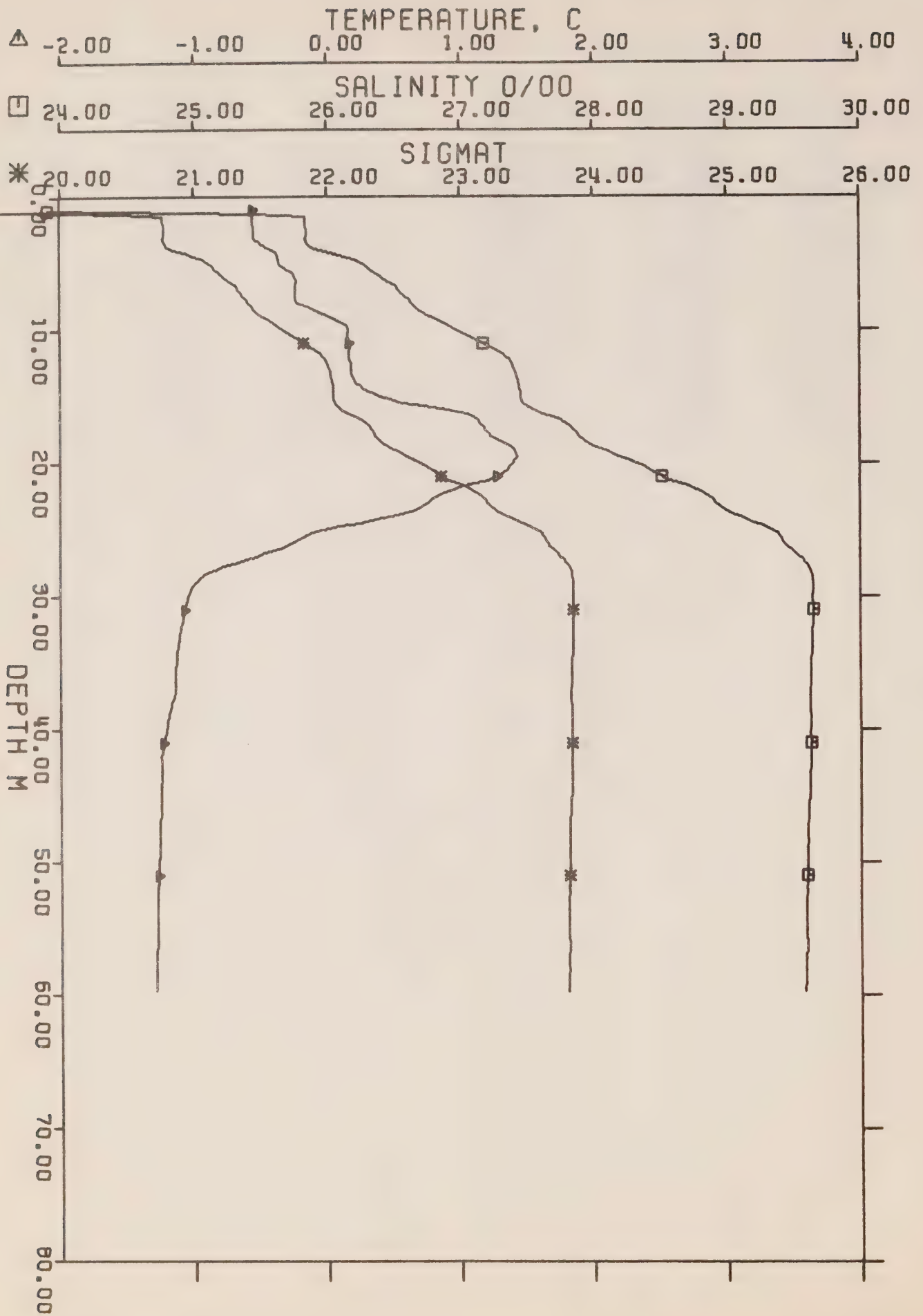
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.50	2.53	26.232 F	-0.068 F	21.079	1436.9
2.75	2.87	26.299 E	-0.010 F	21.131	1437.3
3.00	3.01	26.437 E	0.026 E	21.241	1437.6
3.25	3.37	26.518 E	0.073 E	21.305	1438.0
3.50	3.52	26.615 E	0.138 E	21.381	1438.4
3.75	3.78	26.670 E	0.198 E	21.424	1438.8
4.00	4.03	26.773 E	0.227 E	21.506	1439.0
4.25	4.23	26.831 E	0.252 E	21.551	1439.2
4.50	4.61	26.905 E	0.282 E	21.610	1439.5
4.75	4.83	26.938 F	0.306 F	21.636	1439.6
5.00	5.10	27.003 E	0.311 E	21.688	1439.8
5.25	5.31	27.034 E	0.296 E	21.713	1439.7
5.50	5.54	27.082 E	0.291 E	21.752	1439.8
5.75	5.89	27.106 E	0.285 F	21.771	1439.8
6.00	6.05	27.129 E	0.283 E	21.790	1439.8
6.25	6.35	27.146 E	0.266 E	21.804	1439.8
6.50	6.67	27.183 E	0.259 E	21.834	1439.8
6.75	6.81	27.202 E	0.259 E	21.849	1439.8
7.00	7.05	27.198 E	0.266 F	21.846	1439.8
7.25	7.33	27.225 E	0.263 E	21.868	1439.9
7.50	7.57	27.256 E	0.241 E	21.893	1439.8
7.75	7.80	27.277 E	0.271 E	21.909	1440.0
8.00	8.11	27.259 E	0.330 E	21.893	1440.2
8.25	8.39	27.297 F	0.351 E	21.923	1440.4
8.50	8.63	27.327 F	0.382 F	21.946	1440.6
8.75	8.88	27.333 F	0.461 F	21.948	1441.0
9.00	9.10	27.324 F	0.547 E	21.938	1441.4
9.25	9.38	27.373 F	0.571 E	21.976	1441.5
9.50	9.57	27.403 F	0.609 F	21.999	1441.8
9.75	9.83	27.414 F	0.693 E	22.004	1442.2
10.00	10.13	27.419 F	0.785 E	22.005	1442.6
10.25	10.40	27.461 F	0.823 E	22.037	1442.8
10.50	10.56	27.490 F	0.881 E	22.058	1443.1
10.75	10.88	27.508 F	0.946 F	22.070	1443.5
11.00	11.09	27.526 F	0.989 F	22.082	1443.7
11.25	11.40	27.563 F	0.999 E	22.111	1443.8
11.50	11.64	27.586 F	0.998 E	22.130	1443.8
11.75	11.90	27.616 F	1.016 E	22.153	1443.9
12.00	12.13	27.646 F	1.027 E	22.177	1444.0
12.25	12.33	27.673 F	1.034 F	22.198	1444.1
12.50	12.68	27.688 F	1.028 E	22.210	1444.1
12.75	12.93	27.715 F	1.032 F	22.232	1444.2
13.00	13.07	27.754 F	1.039 F	22.263	1444.3
13.25	13.47	27.779 F	1.062 F	22.282	1444.4
13.50	13.60	27.785 F	1.086 F	22.286	1444.5
13.75	13.91	27.803 F	1.093 F	22.300	1444.6
14.00	14.14	27.840 F	1.108 F	22.329	1444.7
14.25	14.37	27.863 F	1.141 F	22.346	1444.9
14.50	14.68	27.867 F	1.176 F	22.347	1445.1
14.75	14.94	27.887 F	1.185 F	22.363	1445.1
15.00	15.18	27.913 F	1.201 E	22.383	1445.2
15.25	15.39	27.934 F	1.232 F	22.398	1445.4
15.50	15.72	27.941 F	1.267 E	22.402	1445.6
15.75	15.93	27.969 F	1.284 E	22.424	1445.7
16.00	16.10	27.985 F	1.301 E	22.436	1445.8
16.25	16.41	28.009 F	1.319 E	22.454	1445.9
16.50	16.66	28.024 F	1.330 E	22.465	1446.0
16.75	16.95	28.061 F	1.345 E	22.494	1446.1
17.00	17.20	28.083 F	1.362 F	22.511	1446.2
17.25	17.40	28.109 F	1.384 E	22.531	1446.4
17.50	17.67	28.137 F	1.397 F	22.553	1446.5
17.75	18.00	28.176 F	1.410 E	22.583	1446.6
18.00	18.24	28.213 F	1.422 E	22.616	1446.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
13.25	19.46	28.258 F	1.436 F	22.647	1446.8
13.50	19.66	28.303 F	1.442 F	22.683	1446.9
13.75	19.95	28.347 F	1.434 E	22.719	1447.0
19.00	19.26	28.403 F	1.425 F	22.764	1447.0
19.25	19.52	28.455 F	1.413 E	22.806	1447.0
19.50	19.68	28.512 F	1.391 E	22.853	1447.0
19.75	19.98	28.553 F	1.336 E	22.897	1446.8
20.00	20.22	28.631 F	1.271 E	22.954	1446.6
20.25	20.47	28.693 F	1.214 E	23.007	1446.5
20.50	20.80	28.753 F	1.141 F	23.058	1446.2
20.75	20.97	28.811 F	1.069 E	23.108	1446.0
21.00	21.24	28.373 F	0.985 F	23.162	1445.7
21.25	21.49	28.923 E	0.904 D	23.206	1445.4
21.50	21.79	28.977 F	0.815 D	23.253	1445.0
21.75	22.03	29.027 E	0.702 D	23.298	1444.6
22.00	22.22	29.087 F	0.607 D	23.350	1444.3
22.25	22.54	29.124 F	0.513 D	23.384	1443.9
22.50	22.73	29.170 F	0.414 D	23.425	1443.5
22.75	22.97	29.211 E	0.312 D	23.461	1443.1
23.00	23.29	29.257 E	0.249 D	23.501	1442.9
23.25	23.48	29.278 F	0.169 D	23.521	1442.5
23.50	23.74	29.314 F	0.097 D	23.552	1442.2
23.75	23.96	29.342 E	-0.018 D	23.579	1441.8
24.00	24.30	29.380 E	-0.081 D	23.611	1441.5
24.25	24.54	29.397 F	-0.160 D	23.628	1441.2
24.50	24.75	29.425 E	-0.231 D	23.652	1440.9
24.75	24.94	29.445 E	-0.313 D	23.671	1440.5
25.00	25.22	29.470 E	-0.373 D	23.693	1440.3
25.25	25.48	29.480 F	-0.433 D	23.703	1440.0
25.50	25.78	29.499 F	-0.490 D	23.720	1439.8
25.75	25.98	29.510 E	-0.552 D	23.730	1439.5
26.00	26.25	29.526 F	-0.601 D	23.744	1439.3
26.25	26.51	29.531 E	-0.640 F	23.749	1439.2
26.50	26.77	29.541 E	-0.681 F	23.759	1439.0
26.75	27.01	29.548 E	-0.719 F	23.765	1438.8
27.00	27.30	29.556 F	-0.753 F	23.772	1438.7
27.25	27.50	29.559 F	-0.771 F	23.775	1438.6
27.50	27.78	29.563 F	-0.797 E	23.779	1438.5
27.75	28.13	29.567 E	-0.818 F	23.783	1438.4
28.00	28.37	29.571 E	-0.835 F	23.787	1438.3
28.25	28.58	29.575 E	-0.851 D	23.790	1438.3
28.50	28.84	29.575 E	-0.868 D	23.791	1438.2
28.75	29.02	29.579 F	-0.884 D	23.794	1438.1
29.00	29.33	29.580 E	-0.902 D	23.795	1438.0
29.25	29.65	29.588 E	-0.917 D	23.802	1438.0
29.50	29.81	29.584 E	-0.929 D	23.799	1437.9
29.75	30.03	29.587 E	-0.941 D	23.802	1437.9
30.00	30.31	29.587 E	-0.957 D	23.802	1437.8
30.25	30.52	29.594 F	-0.969 C	23.808	1437.3
30.50	30.92	29.588 E	-0.978 C	23.803	1437.7
30.75	31.16	29.594 F	-0.990 C	23.809	1437.7
31.00	31.30	29.591 E	-1.000 C	23.806	1437.6
31.25	31.58	29.597 F	-1.007 C	23.811	1437.6
31.50	31.83	29.591 E	-1.013 C	23.807	1437.6
31.75	32.09	29.598 F	-1.021 C	23.812	1437.5
32.00	32.38	29.594 E	-1.027 C	23.809	1437.5
32.25	32.59	29.598 F	-1.034 C	23.813	1437.5
32.50	32.84	29.595 F	-1.042 C	23.810	1437.5
32.75	33.08	29.604 E	-1.049 C	23.818	1437.4
33.00	33.36	29.598 E	-1.056 C	23.813	1437.4
33.25	33.64	29.601 E	-1.063 C	23.816	1437.4
33.50	33.89	29.600 F	-1.069 C	23.815	1437.4
33.75	34.09	29.607 E	-1.073 C	23.821	1437.3
34.00	34.40	29.602 F	-1.078 C	23.817	1437.3
34.25	34.66	29.603 F	-1.085 C	23.818	1437.3
34.50	34.88	29.602 F	-1.091 C	23.817	1437.3
34.75	35.22	29.606 F	-1.094 C	23.820	1437.3
35.00	35.35	29.604 E	-1.099 C	23.819	1437.2
35.25	35.57	29.604 E	-1.104 C	23.819	1437.2
35.50	35.88	29.603 E	-1.108 C	23.818	1437.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.75	36.16	29.602 F	-1.111 C	23.817	1437.2
36.00	36.50	29.602 F	-1.116 C	23.818	1437.2
36.25	36.70	29.603 F	-1.120 C	23.818	1437.2
36.50	36.92	29.601 F	-1.124 C	23.817	1437.1
36.75	37.16	29.597 F	-1.127 C	23.814	1437.1
37.00	37.35	29.598 F	-1.132 C	23.815	1437.1
37.25	37.73	29.600 F	-1.135 C	23.816	1437.1
37.50	37.89	29.599 F	-1.138 C	23.816	1437.1
37.75	38.22	29.594 F	-1.141 C	23.812	1437.1
38.00	38.51	29.595 F	-1.146 C	23.812	1437.1
38.25	38.71	29.598 F	-1.150 C	23.815	1437.0
38.50	38.92	29.596 F	-1.153 C	23.813	1437.0
38.75	39.16	29.595 F	-1.157 C	23.813	1437.0
39.00	39.46	29.596 F	-1.162 C	23.814	1437.0
39.25	39.70	29.596 F	-1.166 C	23.814	1437.0
39.50	39.95	29.596 F	-1.169 C	23.814	1437.0
39.75	40.26	29.597 F	-1.172 C	23.815	1437.0
40.00	40.49	29.598 F	-1.177 C	23.815	1436.9
40.25	40.74	29.595 F	-1.183 C	23.813	1436.9
40.50	41.02	29.597 F	-1.188 C	23.815	1436.9
40.75	41.26	29.600 F	-1.192 C	23.817	1436.9
41.00	41.48	29.601 F	-1.196 C	23.818	1436.9
41.25	41.69	29.597 F	-1.200 C	23.815	1436.9
41.50	41.91	29.599 F	-1.205 C	23.817	1436.8
41.75	42.20	29.601 F	-1.209 C	23.818	1436.8
42.00	42.40	29.603 F	-1.212 C	23.820	1436.8
42.25	42.78	29.598 F	-1.215 C	23.816	1436.8
42.50	43.00	29.598 F	-1.220 C	23.816	1436.8
42.75	43.20	29.601 F	-1.224 C	23.819	1436.8
43.00	43.56	29.601 F	-1.227 C	23.819	1436.8
43.25	43.70	29.598 F	-1.229 C	23.816	1436.8
43.50	44.04	29.596 F	-1.230 C	23.815	1436.7
43.75	44.22	29.598 F	-1.232 C	23.816	1436.7
44.00	44.51	29.598 F	-1.234 C	23.816	1436.7
44.25	44.70	29.594 F	-1.236 C	23.813	1436.7
44.50	45.04	29.591 F	-1.238 C	23.811	1436.7
44.75	45.24	29.595 F	-1.239 C	23.814	1436.7
45.00	45.54	29.594 F	-1.240 C	23.813	1436.7
45.25	45.78	29.590 F	-1.242 C	23.810	1436.7
45.50	46.05	29.587 F	-1.244 C	23.808	1436.7
45.75	46.24	29.592 F	-1.245 C	23.812	1436.7
46.00	46.48	29.590 F	-1.247 C	23.810	1436.7
46.25	46.81	29.586 F	-1.249 C	23.807	1436.7
46.50	46.99	29.585 F	-1.251 C	23.806	1436.7
46.75	47.32	29.590 F	-1.252 C	23.810	1436.7
47.00	47.51	29.586 F	-1.254 C	23.807	1436.7
47.25	47.85	29.584 F	-1.255 C	23.806	1436.7
47.50	48.13	29.583 F	-1.256 C	23.805	1436.7
47.75	48.28	29.589 F	-1.255 C	23.810	1436.7
48.00	48.52	29.583 F	-1.257 C	23.805	1436.7
48.25	48.81	29.582 F	-1.258 C	23.804	1436.7
48.50	49.03	29.582 F	-1.259 C	23.804	1436.7
48.75	49.32	29.587 F	-1.258 C	23.808	1436.7
49.00	49.56	29.583 F	-1.259 C	23.805	1436.7
49.25	49.85	29.581 F	-1.260 C	23.803	1436.7
49.50	50.09	29.581 F	-1.261 C	23.803	1436.7
49.75	50.33	29.585 F	-1.260 C	23.806	1436.7
50.00	50.58	29.582 F	-1.261 C	23.804	1436.7
50.25	50.90	29.580 F	-1.262 C	23.802	1436.7
50.50	51.15	29.580 F	-1.264 C	23.802	1436.7
50.75	51.32	29.584 F	-1.264 C	23.806	1436.7
51.00	51.64	29.583 F	-1.265 C	23.805	1436.7
51.25	51.90	29.580 F	-1.266 C	23.802	1436.7
51.50	52.09	29.582 F	-1.267 C	23.804	1436.7
51.75	52.35	29.584 F	-1.267 C	23.806	1436.7
52.00	52.61	29.584 F	-1.269 C	23.806	1436.7
52.25	52.81	29.582 F	-1.270 C	23.804	1436.7
52.50	53.15	29.584 F	-1.272 C	23.806	1436.7
52.75	53.34	29.586 F	-1.272 C	23.807	1436.7
53.00	53.58	29.586 F	-1.274 C	23.807	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
53.25	53.86	29.585 F	-1.275 C	23.807	1436.7
53.50	54.06	29.586 F	-1.277 C	23.808	1436.7
53.75	54.34	29.587 F	-1.278 C	23.808	1436.7
54.00	54.60	29.587 F	-1.281 C	23.808	1436.7
54.25	54.96	29.586 F	-1.282 C	23.808	1436.7
54.50	55.13	29.588 F	-1.284 C	23.809	1436.7
54.75	55.37	29.587 F	-1.285 C	23.808	1436.7
55.00	55.63	29.586 F	-1.286 C	23.808	1436.7
55.25	55.85	29.586 F	-1.287 C	23.808	1436.7
55.50	56.18	29.589 F	-1.289 C	23.810	1436.7
55.75	56.42	29.584 F	-1.290 C	23.806	1436.6
56.00	56.69	29.584 F	-1.291 C	23.806	1436.6
56.25	56.89	29.589 F	-1.291 C	23.810	1436.7
56.50	57.16	29.585 F	-1.293 C	23.807	1436.6
56.75	57.30	29.583 F	-1.293 C	23.805	1436.6
57.00	57.75	29.586 F	-1.294 C	23.808	1436.7
57.25	57.90	29.588 F	-1.295 C	23.809	1436.7
57.50	58.09	29.582 F	-1.297 C	23.805	1436.6

EXPERIMENT 435



CRUISE 02-71-015 CRI CAMBRIDGE BAY EXPER. NO. 435
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 031071 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
1.00	1.05	23.914 E	-0.550 D	19.222	1431.4
1.25	1.27	25.451 E	-0.548 D	20.459	1433.5
1.50	1.58	25.843 E	-0.547 D	20.775	1434.1
1.75	1.79	25.842 E	-0.546 D	20.774	1434.1
2.00	2.00	25.843 E	-0.545 D	20.775	1434.1
2.25	2.24	25.845 E	-0.544 D	20.777	1434.1
2.50	2.61	25.848 E	-0.543 D	20.779	1434.1
2.75	2.78	25.849 E	-0.542 D	20.780	1434.1
3.00	3.11	25.846 E	-0.540 D	20.777	1434.2
3.25	3.33	25.841 E	-0.526 D	20.773	1434.2
3.50	3.56	25.847 E	-0.492 D	20.777	1434.4
3.75	3.77	25.878 E	-0.448 D	20.802	1434.6
4.00	4.10	25.944 E	-0.404 D	20.854	1434.9
4.25	4.38	26.033 E	-0.374 D	20.925	1435.2
4.50	4.60	26.128 E	-0.356 D	21.001	1435.4
4.75	4.86	26.211 E	-0.354 D	21.068	1435.6
5.00	5.08	26.269 E	-0.350 D	21.115	1435.7
5.25	5.32	26.305 E	-0.329 D	21.143	1435.8
5.50	5.54	26.332 E	-0.288 D	21.164	1436.1
5.75	5.81	26.364 E	-0.249 D	21.189	1436.3
6.00	6.09	26.407 E	-0.226 D	21.223	1436.5
6.25	6.31	26.453 E	-0.221 D	21.260	1436.5
6.50	6.55	26.493 E	-0.225 D	21.292	1436.6
6.75	6.85	26.523 E	-0.231 D	21.316	1436.6
7.00	7.05	26.544 E	-0.234 D	21.333	1436.6
7.25	7.28	26.565 E	-0.234 D	21.350	1436.7
7.50	7.56	26.589 E	-0.233 D	21.370	1436.7
7.75	7.82	26.616 E	-0.225 D	21.391	1436.8
8.00	8.17	26.640 E	-0.206 D	21.410	1436.9
8.25	8.34	26.665 E	-0.150 D	21.429	1437.2
8.50	8.57	26.694 E	-0.086 D	21.451	1437.5
8.75	8.85	26.736 E	-0.022 D	21.483	1437.9
9.00	9.05	26.735 E	0.019 D	21.521	1438.2
9.25	9.32	26.835 E	0.069 D	21.560	1438.5
9.50	9.61	26.882 E	0.120 D	21.596	1438.8
9.75	9.88	26.928 E	0.158 D	21.632	1439.0
10.00	10.11	26.975 E	0.166 D	21.670	1439.1
10.25	10.36	27.023 E	0.163 D	21.708	1439.2
10.50	10.58	27.071 E	0.161 D	21.747	1439.2
10.75	10.88	27.123 E	0.169 D	21.788	1439.4
11.00	11.15	27.176 E	0.173 D	21.831	1439.5
11.25	11.34	27.231 E	0.176 D	21.875	1439.5
11.50	11.65	27.279 E	0.172 D	21.914	1439.6
11.75	11.88	27.321 E	0.171 D	21.948	1439.7
12.00	12.09	27.351 E	0.174 D	21.972	1439.7
12.25	12.38	27.375 E	0.180 D	21.991	1439.8
12.50	12.60	27.391 E	0.186 D	22.003	1439.8
12.75	12.86	27.405 E	0.186 D	22.015	1439.9
13.00	13.16	27.415 E	0.186 D	22.023	1439.9
13.25	13.42	27.422 E	0.191 D	22.028	1439.9
13.50	13.63	27.428 E	0.200 D	22.033	1440.0
13.75	13.86	27.436 E	0.217 D	22.038	1440.1
14.00	14.19	27.443 E	0.235 D	22.044	1440.2
14.25	14.40	27.451 E	0.258 D	22.049	1440.3
14.50	14.61	27.455 E	0.286 D	22.052	1440.4
14.75	14.93	27.460 E	0.342 D	22.054	1440.7
15.00	15.17	27.459 E	0.403 D	22.051	1441.0
15.25	15.39	27.465 E	0.481 D	22.053	1441.3
15.50	15.65	27.476 E	0.567 D	22.059	1441.8
15.75	15.91	27.507 E	0.745 D	22.077	1442.6
16.00	16.11	27.558 E	0.913 D	22.111	1443.5
16.25	16.42	27.629 E	1.060 D	22.162	1444.2
16.50	16.73	27.702 E	1.107 D	22.218	1444.6

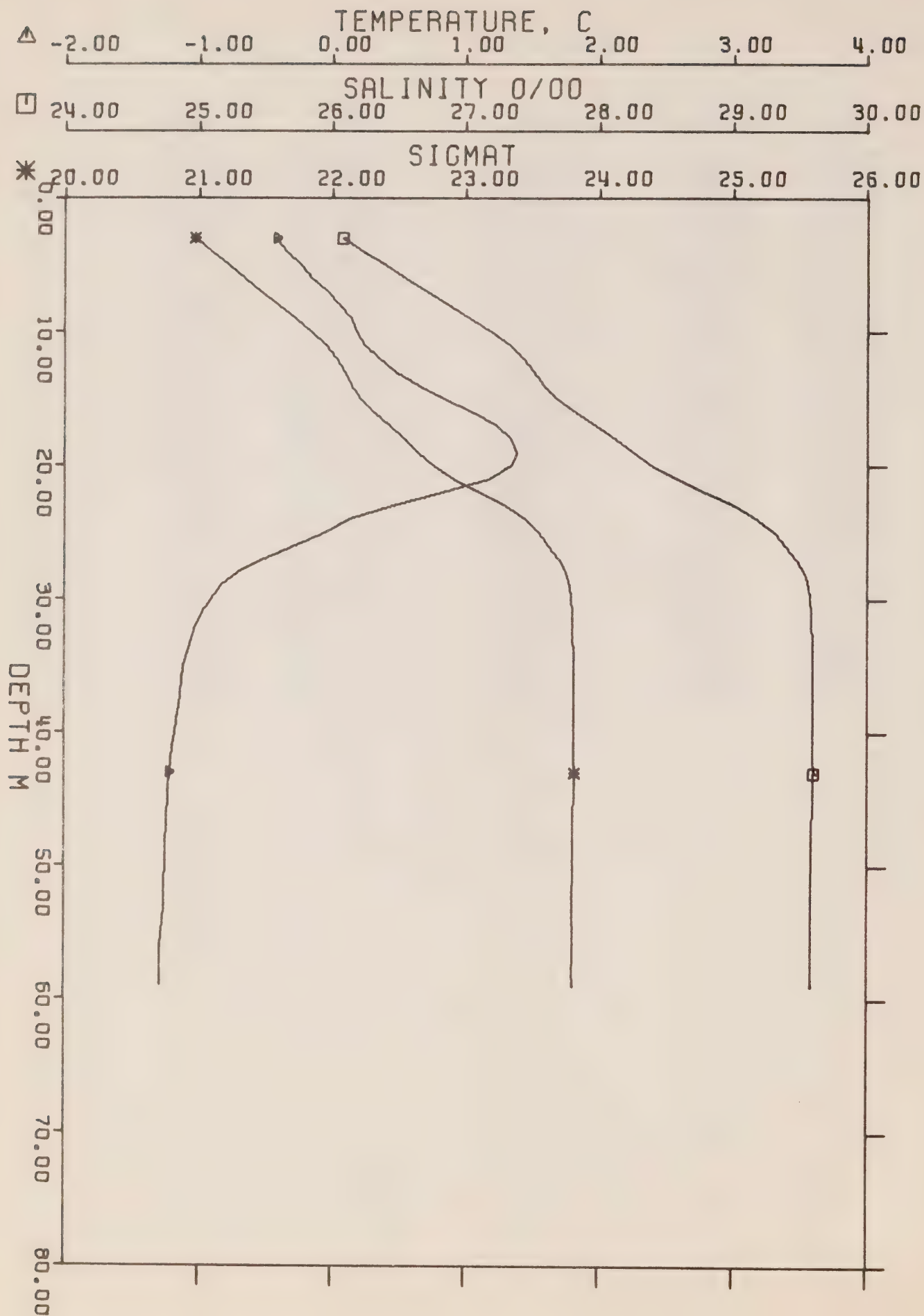
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
16.75	16.94	27.761 F	1.139 D	22.264	1444.8
17.00	17.17	27.803 F	1.157 D	22.297	1444.9
17.25	17.39	27.831 F	1.179 D	22.318	1445.1
17.50	17.64	27.856 F	1.200 D	22.337	1445.2
17.75	17.96	27.879 F	1.220 D	22.355	1445.3
18.00	18.16	27.902 F	1.239 D	22.372	1445.5
18.25	18.48	27.931 F	1.285 D	22.393	1445.7
18.50	18.71	27.972 F	1.340 D	22.423	1446.0
18.75	18.98	28.030 F	1.396 D	22.467	1446.4
19.00	19.23	28.089 F	1.422 D	22.513	1446.6
19.25	19.49	28.144 F	1.435 D	22.556	1446.7
19.50	19.73	28.198 F	1.436 D	22.599	1446.8
19.75	19.98	28.262 F	1.423 D	22.651	1446.8
20.00	20.26	28.330 F	1.402 D	22.707	1446.8
20.25	20.53	28.388 F	1.378 D	22.754	1446.8
20.50	20.65	28.431 F	1.358 D	22.790	1446.8
20.75	20.98	28.470 F	1.331 D	22.822	1446.7
21.00	21.25	28.518 F	1.284 D	22.863	1446.5
21.25	21.48	28.581 F	1.216 D	22.917	1446.3
21.50	21.72	28.652 F	1.124 D	22.978	1446.0
21.75	21.95	28.723 F	1.034 D	23.039	1445.7
22.00	22.18	28.734 F	0.955 D	23.092	1445.4
22.25	22.45	28.833 F	0.890 D	23.134	1445.2
22.50	22.78	28.872 F	0.833 D	23.168	1445.0
22.75	22.94	28.899 F	0.786 D	23.192	1444.8
23.00	23.19	28.923 F	0.756 D	23.212	1444.7
23.25	23.54	28.949 F	0.724 D	23.234	1444.6
23.50	23.75	28.990 F	0.670 D	23.270	1444.4
23.75	23.98	29.040 F	0.573 D	23.314	1444.1
24.00	24.27	29.097 F	0.476 D	23.363	1443.7
24.25	24.46	29.150 F	0.367 D	23.410	1443.3
24.50	24.78	29.214 F	0.264 D	23.466	1442.9
24.75	24.95	29.280 F	0.103 D	23.525	1442.2
25.00	25.23	29.344 F	-0.026 D	23.581	1441.7
25.25	25.45	29.382 F	-0.124 D	23.614	1441.3
25.50	25.77	29.402 F	-0.167 D	23.632	1441.2
25.75	26.09	29.414 F	-0.210 D	23.643	1441.0
26.00	26.26	29.432 F	-0.266 D	23.659	1440.8
26.25	26.55	29.458 F	-0.325 D	23.682	1440.5
26.50	26.81	29.486 F	-0.399 D	23.707	1440.2
26.75	27.06	29.515 F	-0.465 D	23.732	1440.0
27.00	27.29	29.540 F	-0.538 D	23.754	1439.7
27.25	27.56	29.567 F	-0.612 D	23.778	1439.4
27.50	27.74	29.590 F	-0.700 D	23.799	1439.0
27.75	28.08	29.610 F	-0.783 D	23.817	1438.6
28.00	28.26	29.623 F	-0.854 D	23.829	1438.3
28.25	28.50	29.632 F	-0.909 D	23.837	1438.1
28.50	28.78	29.638 F	-0.947 D	23.843	1437.9
28.75	29.09	29.642 F	-0.979 D	23.847	1437.8
29.00	29.35	29.646 F	-1.001 D	23.851	1437.7
29.25	29.63	29.648 F	-1.016 D	23.853	1437.6
29.50	29.88	29.648 F	-1.027 D	23.853	1437.5
29.75	30.10	29.647 F	-1.037 D	23.852	1437.5
30.00	30.35	29.645 F	-1.047 D	23.851	1437.5
30.25	30.55	29.644 F	-1.055 C	23.850	1437.4
30.50	30.82	29.644 F	-1.062 C	23.850	1437.4
30.75	31.06	29.647 F	-1.068 C	23.853	1437.4
31.00	31.36	29.649 F	-1.074 C	23.855	1437.4
31.25	31.60	29.650 F	-1.077 C	23.856	1437.3
31.50	31.85	29.650 F	-1.081 C	23.856	1437.3
31.75	32.11	29.648 F	-1.085 C	23.854	1437.3
32.00	32.37	29.647 F	-1.091 C	23.853	1437.3
32.25	32.62	29.646 F	-1.097 C	23.853	1437.3
32.50	32.88	29.645 F	-1.102 C	23.852	1437.2
32.75	33.08	29.643 F	-1.106 C	23.850	1437.2
33.00	33.33	29.643 F	-1.110 C	23.851	1437.2
33.25	33.57	29.642 F	-1.115 C	23.850	1437.2
33.50	33.89	29.642 F	-1.121 C	23.850	1437.2
33.75	34.11	29.641 F	-1.125 C	23.849	1437.1
34.00	34.34	29.641 F	-1.127 C	23.849	1437.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
34.25	34.70	29.639 E	-1.128 C	23.848	1437.1
34.50	34.92	29.637 E	-1.128 C	23.846	1437.1
34.75	35.09	29.635 E	-1.130 C	23.844	1437.1
35.00	35.42	29.623 E	-1.133 C	23.843	1437.1
35.25	35.61	29.633 E	-1.136 C	23.843	1437.1
35.50	35.87	29.631 E	-1.136 C	23.841	1437.1
35.75	36.18	29.631 E	-1.136 C	23.841	1437.1
36.00	36.44	29.630 E	-1.136 C	23.841	1437.1
36.25	36.60	29.630 E	-1.137 C	23.841	1437.1
36.50	36.91	29.627 E	-1.138 C	23.838	1437.1
36.75	37.19	29.625 E	-1.138 C	23.837	1437.1
37.00	37.38	29.623 E	-1.140 C	23.835	1437.1
37.25	37.71	29.622 E	-1.144 C	23.834	1437.1
37.50	37.90	29.621 E	-1.149 C	23.834	1437.1
37.75	38.15	29.622 E	-1.158 C	23.834	1437.0
38.00	38.41	29.622 E	-1.167 C	23.835	1437.0
38.25	38.67	29.623 E	-1.175 C	23.836	1437.0
38.50	38.93	29.624 E	-1.180 C	23.837	1436.9
38.75	39.18	29.624 E	-1.186 C	23.837	1436.9
39.00	39.43	29.625 E	-1.192 C	23.838	1436.9
39.25	39.66	29.627 E	-1.197 C	23.839	1436.9
39.50	39.98	29.628 E	-1.201 C	23.840	1436.9
39.75	40.16	29.627 E	-1.205 C	23.839	1436.8
40.00	40.47	29.625 E	-1.209 C	23.838	1436.8
40.25	40.65	29.624 E	-1.213 C	23.837	1436.8
40.50	40.92	29.623 E	-1.219 C	23.836	1436.8
40.75	41.21	29.625 E	-1.224 C	23.838	1436.8
41.00	41.45	29.627 E	-1.230 C	23.840	1436.7
41.25	41.77	29.630 E	-1.235 C	23.842	1436.7
41.50	41.95	29.632 E	-1.241 C	23.844	1436.7
41.75	42.29	29.632 E	-1.245 C	23.844	1436.7
42.00	42.54	29.631 E	-1.246 C	23.843	1436.7
42.25	42.73	29.628 E	-1.245 C	23.841	1436.7
42.50	43.01	29.626 E	-1.242 C	23.839	1436.7
42.75	43.28	29.625 E	-1.241 C	23.838	1436.7
43.00	43.46	29.625 E	-1.242 C	23.838	1436.7
43.25	43.78	29.624 E	-1.243 C	23.838	1436.7
43.50	43.97	29.622 E	-1.244 C	23.836	1436.7
43.75	44.25	29.621 E	-1.244 C	23.835	1436.7
44.00	44.46	29.621 E	-1.246 C	23.835	1436.7
44.25	44.73	29.621 E	-1.247 C	23.835	1436.7
44.50	44.99	29.622 E	-1.249 C	23.836	1436.7
44.75	45.27	29.623 E	-1.251 C	23.837	1436.7
45.00	45.56	29.622 E	-1.253 C	23.836	1436.7
45.25	45.82	29.619 E	-1.253 C	23.834	1436.7
45.50	46.02	29.615 E	-1.253 C	23.831	1436.7
45.75	46.27	29.611 E	-1.253 C	23.827	1436.7
46.00	46.49	29.610 E	-1.253 C	23.826	1436.7
46.25	46.77	29.610 E	-1.254 C	23.827	1436.7
46.50	47.00	29.610 E	-1.255 C	23.827	1436.7
46.75	47.33	29.608 E	-1.256 C	23.825	1436.7
47.00	47.54	29.606 E	-1.257 C	23.823	1436.7
47.25	47.79	29.604 E	-1.257 C	23.822	1436.7
47.50	48.02	29.602 E	-1.258 C	23.820	1436.7
47.75	48.24	29.602 E	-1.258 C	23.820	1436.7
48.00	48.58	29.602 E	-1.259 C	23.820	1436.7
48.25	48.86	29.604 E	-1.260 C	23.822	1436.7
48.50	49.08	29.606 E	-1.261 C	23.823	1436.7
48.75	49.32	29.605 E	-1.264 C	23.823	1436.7
49.00	49.54	29.604 E	-1.265 C	23.822	1436.7
49.25	49.81	29.604 E	-1.265 C	23.822	1436.7
49.50	50.10	29.605 E	-1.265 C	23.823	1436.7
49.75	50.36	29.604 E	-1.266 C	23.822	1436.7
50.00	50.59	29.604 E	-1.266 C	23.822	1436.7
50.25	50.81	29.602 E	-1.266 C	23.820	1436.7
50.50	51.11	29.601 E	-1.266 C	23.819	1436.7
50.75	51.34	29.601 E	-1.268 C	23.819	1436.7
51.00	51.60	29.600 E	-1.270 C	23.819	1436.7
51.25	51.88	29.599 E	-1.273 C	23.818	1436.7
51.50	52.16	29.598 E	-1.275 C	23.817	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
51.75	52.32	29.596 F	-1.276 C	23.816	1436.7
52.00	52.60	29.595 F	-1.277 C	23.815	1436.7
52.25	52.73	29.596 F	-1.277 C	23.816	1436.7
52.50	53.14	29.595 F	-1.276 C	23.816	1436.7
52.75	53.36	29.595 F	-1.276 C	23.815	1436.7
53.00	53.68	29.594 F	-1.276 C	23.814	1436.7
53.25	53.91	29.594 F	-1.277 C	23.814	1436.7
53.50	54.17	29.593 F	-1.277 C	23.813	1436.7
53.75	54.32	29.593 F	-1.278 C	23.813	1436.7
54.00	54.60	29.593 F	-1.280 C	23.813	1436.7
54.25	54.85	29.593 F	-1.280 C	23.813	1436.7
54.50	55.13	29.593 F	-1.281 C	23.813	1436.7
54.75	55.44	29.594 F	-1.281 C	23.814	1436.7
55.00	55.60	29.594 F	-1.282 C	23.814	1436.7
55.25	55.91	29.594 F	-1.283 C	23.814	1436.7
55.50	56.10	29.594 F	-1.284 C	23.814	1436.7
55.75	56.38	29.595 F	-1.285 C	23.815	1436.7
56.00	56.65	29.597 F	-1.285 C	23.817	1436.7
56.25	56.96	29.598 F	-1.285 C	23.817	1436.7
56.50	57.14	29.598 F	-1.286 C	23.817	1436.7
56.75	57.47	29.597 F	-1.287 C	23.817	1436.7
57.00	57.62	29.595 F	-1.288 C	23.815	1436.7
57.25	57.88	29.594 F	-1.288 C	23.814	1436.7
57.50	58.13	29.593 F	-1.288 C	23.813	1436.7
57.75	58.46	29.594 F	-1.288 C	23.814	1436.7
58.00	58.67	29.594 F	-1.289 C	23.814	1436.7
58.25	58.98	29.595 F	-1.290 C	23.815	1436.7
58.50	59.19	29.594 F	-1.292 C	23.814	1436.7
58.75	59.46	29.592 F	-1.292 C	23.813	1436.7
59.00	59.68	29.588 F	-1.291 C	23.809	1436.7
59.25	59.91	29.586 F	-1.291 C	23.808	1436.7
59.50	60.18	29.584 F	-1.292 C	23.806	1436.7
59.75	60.48	29.584 F	-1.293 C	23.806	1436.7

EXPERIMENT 436

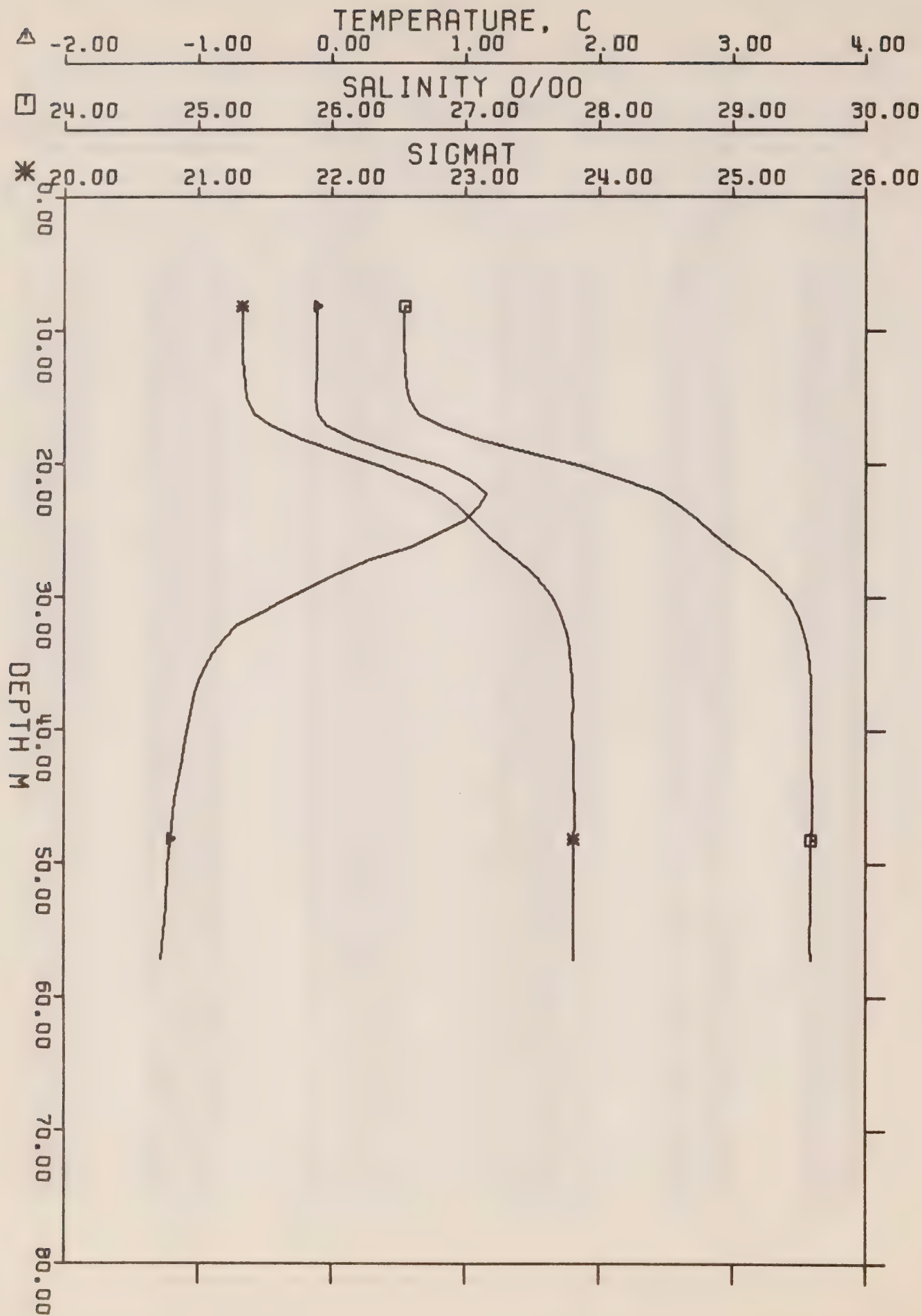
116



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 436
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 081071 LOCAL TIME 1430

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	3.35	26.082 E	-0.419 D	20.965	1435.1
4.00	4.35	26.235 E	-0.341 D	21.087	1435.6
5.00	5.38	26.397 E	-0.232 D	21.215	1436.4
6.00	6.42	26.550 E	-0.146 D	21.336	1437.0
7.00	7.34	26.706 E	-0.030 D	21.459	1437.8
8.00	8.44	26.867 E	0.064 D	21.586	1438.5
9.00	9.42	27.034 E	0.146 D	21.718	1439.1
10.00	10.38	27.190 E	0.187 D	21.842	1439.5
11.00	11.46	27.326 E	0.252 D	21.949	1440.0
12.00	12.42	27.434 E	0.358 D	22.032	1440.7
13.00	13.42	27.512 E	0.482 D	22.091	1441.4
14.00	14.45	27.584 F	0.652 D	22.142	1442.3
15.00	15.50	27.683 F	0.844 D	22.214	1443.3
16.00	16.48	27.820 F	1.059 E	22.315	1444.5
17.00	17.55	27.975 F	1.237 E	22.431	1445.5
18.00	18.46	28.119 F	1.348 E	22.541	1446.2
19.00	19.54	28.251 E	1.387 D	22.644	1446.6
20.00	20.48	28.392 E	1.341 D	22.759	1446.6
21.00	21.61	28.576 E	1.176 D	22.915	1446.1
22.00	22.55	28.794 E	0.829 D	23.105	1444.9
23.00	23.59	29.018 E	0.459 D	23.301	1443.5
24.00	24.60	29.185 F	0.130 D	23.447	1442.2
25.00	25.53	29.306 F	-0.050 D	23.551	1441.6
26.00	26.63	29.389 F	-0.278 D	23.625	1440.7
27.00	27.69	29.470 F	-0.509 D	23.697	1439.7
28.00	28.65	29.526 F	-0.714 D	23.747	1438.8
29.00	29.67	29.558 F	-0.836 D	23.776	1438.3
30.00	30.72	29.571 F	-0.914 D	23.788	1438.0
31.00	31.63	29.579 E	-0.983 D	23.796	1437.7
32.00	32.72	29.584 E	-1.029 D	23.801	1437.5
33.00	33.68	29.587 E	-1.060 D	23.804	1437.4
34.00	34.69	29.590 E	-1.091 C	23.807	1437.2
35.00	35.65	29.591 E	-1.117 C	23.809	1437.1
36.00	36.74	29.591 E	-1.132 C	23.809	1437.1
37.00	37.72	29.591 E	-1.144 C	23.809	1437.0
38.00	38.75	29.592 E	-1.155 C	23.810	1437.0
39.00	39.80	29.592 E	-1.166 C	23.810	1437.0
40.00	40.80	29.592 E	-1.183 C	23.811	1436.9
41.00	41.74	29.593 E	-1.200 C	23.812	1436.8
42.00	42.84	29.594 E	-1.215 C	23.813	1436.8
43.00	43.78	29.597 E	-1.221 C	23.815	1436.8
44.00	44.79	29.598 E	-1.229 C	23.816	1436.8
45.00	45.84	29.598 E	-1.235 C	23.816	1436.8
46.00	46.91	29.596 E	-1.240 C	23.815	1436.7
47.00	47.92	29.594 E	-1.244 C	23.813	1436.7
48.00	48.85	29.593 E	-1.247 C	23.813	1436.7
49.00	49.88	29.591 E	-1.250 C	23.811	1436.7
50.00	50.90	29.589 E	-1.253 C	23.810	1436.7
51.00	51.98	29.585 E	-1.256 C	23.806	1436.7
52.00	52.96	29.582 E	-1.260 C	23.804	1436.7
53.00	54.01	29.581 E	-1.265 C	23.803	1436.7
54.00	55.01	29.582 E	-1.275 C	23.804	1436.7
55.00	55.91	29.584 E	-1.284 C	23.806	1436.7
56.00	56.96	29.584 E	-1.290 C	23.806	1436.7
57.00	57.97	29.583 E	-1.290 C	23.805	1436.7
58.00	59.08	29.582 E	-1.291 C	23.805	1436.7
59.00	59.99	29.583 E	-1.293 C	23.805	1436.7

EXPERIMENT 437



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 437
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 091071 LOCAL TIME 0930

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
8.25	8.36	26.548 E	-0.108 C	21.334	1437.2
9.25	9.34	26.543 E	-0.108 C	21.330	1437.2
10.25	10.38	26.540 E	-0.107 C	21.327	1437.3
11.25	11.41	26.542 E	-0.108 C	21.329	1437.3
12.25	12.34	26.548 E	-0.111 C	21.334	1437.3
13.25	13.34	26.555 E	-0.113 C	21.339	1437.3
14.25	14.33	26.565 E	-0.117 C	21.348	1437.3
15.25	15.38	26.585 G	-0.120 E	21.364	1437.3
16.25	16.49	26.653 G	-0.100 E	21.418	1437.5
17.25	17.41	26.820 G	-0.025 E	21.550	1438.1
18.25	18.44	27.111 G	0.183 E	21.778	1439.5
19.25	19.42	27.487 F	0.469 D	22.071	1441.4
20.25	20.44	27.877 F	0.829 D	22.370	1443.6
21.25	21.49	28.207 F	1.051 F	22.625	1445.1
22.25	22.50	28.456 F	1.158 F	22.820	1445.9
23.25	23.43	28.614 F	1.102 E	22.949	1445.9
24.25	24.53	28.738 F	1.005 E	23.053	1445.6
25.25	25.51	28.853 F	0.812 E	23.154	1444.9
26.25	26.44	28.990 F	0.576 D	23.273	1444.0
27.25	27.58	29.125 F	0.294 D	23.393	1443.0
28.25	28.48	29.249 F	0.056 D	23.501	1442.0
29.25	29.50	29.351 F	-0.142 E	23.590	1441.3
30.25	30.47	29.427 F	-0.352 E	23.658	1440.4
31.25	31.63	29.486 F	-0.538 C	23.711	1439.7
32.25	32.64	29.523 E	-0.717 C	23.745	1438.9
33.25	33.57	29.550 E	-0.811 C	23.769	1438.5
34.25	34.55	29.567 E	-0.890 C	23.785	1438.2
35.25	35.69	29.577 E	-0.951 C	23.794	1437.7
36.25	36.58	29.586 E	-0.998 C	23.802	1437.7
37.25	37.69	29.588 E	-1.027 C	23.804	1437.6
38.25	38.61	29.589 E	-1.046 C	23.806	1437.5
39.25	39.59	29.587 E	-1.067 C	23.804	1437.4
40.25	40.64	29.587 E	-1.087 C	23.805	1437.4
41.25	41.71	29.588 E	-1.107 C	23.806	1437.3
42.25	42.60	29.591 E	-1.124 C	23.809	1437.2
43.25	43.63	29.594 E	-1.140 C	23.812	1437.2
44.25	44.72	29.597 E	-1.160 C	23.814	1437.1
45.25	45.77	29.599 E	-1.178 C	23.816	1437.0
46.25	46.68	29.600 E	-1.194 C	23.817	1437.0
47.25	47.69	29.599 E	-1.203 C	23.817	1436.9
48.25	48.69	29.595 E	-1.211 C	23.814	1436.9
49.25	49.73	29.591 E	-1.218 C	23.811	1436.9
50.25	50.77	29.589 E	-1.226 C	23.809	1436.9
51.25	51.78	29.591 E	-1.231 C	23.811	1436.9
52.25	52.80	29.590 E	-1.238 C	23.810	1436.8
53.25	53.80	29.589 E	-1.244 C	23.809	1436.8
54.25	54.78	29.587 E	-1.253 C	23.808	1436.8
55.25	55.81	29.585 E	-1.261 C	23.806	1436.8
56.25	56.78	29.585 E	-1.271 C	23.807	1436.7
57.25	57.86	29.587 E	-1.276 C	23.808	1436.7

TEMPERATURE, C

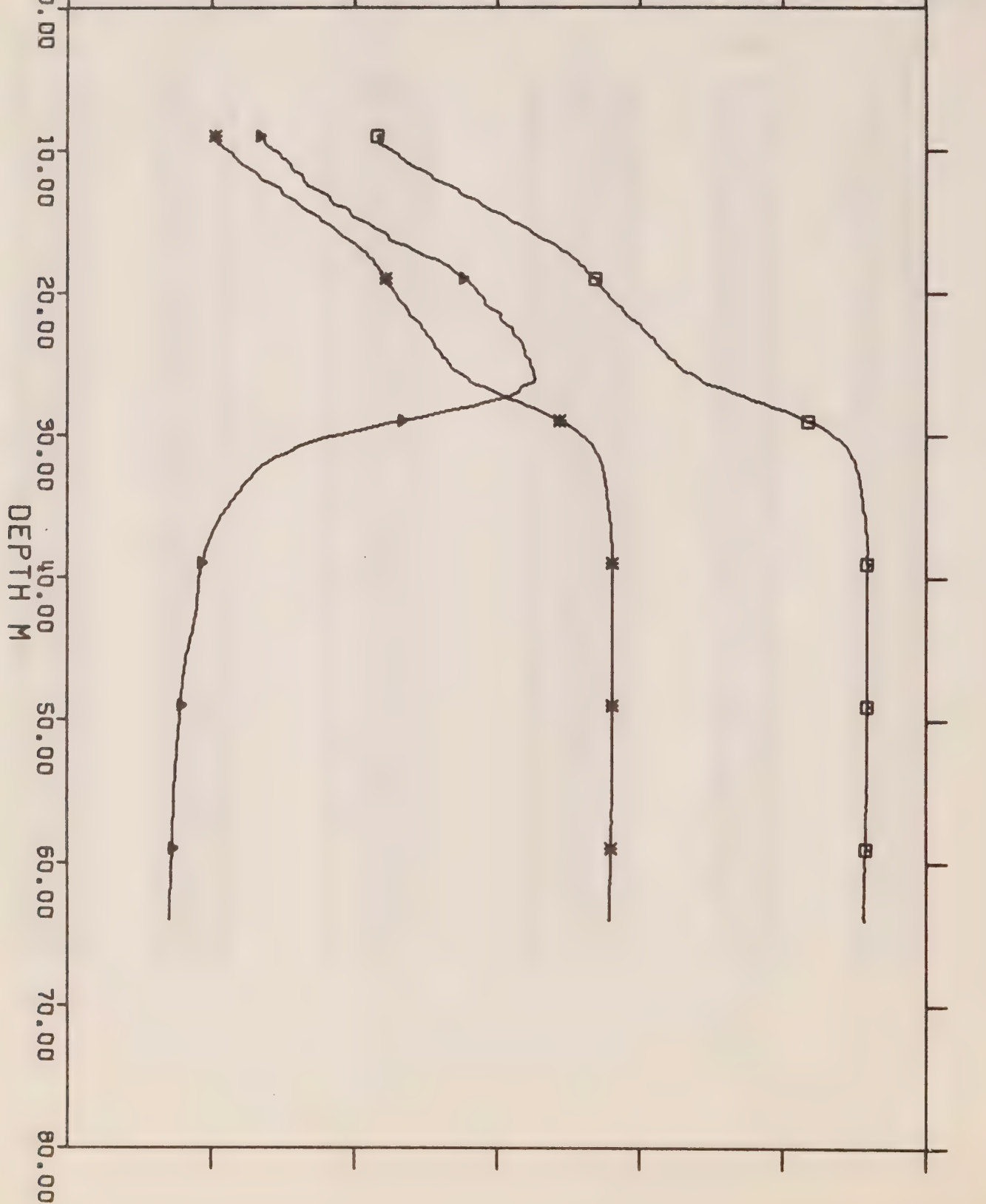
▲ -2.00 -1.00 0.00 1.00 2.00 3.00 4.00

SALINITY ‰

□ 24.00 25.00 26.00 27.00 28.00 29.00 30.00

SIGMAT

* 20.00 21.00 22.00 23.00 24.00 25.00 26.00



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 438
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 101071 LOCAL TIME 1030

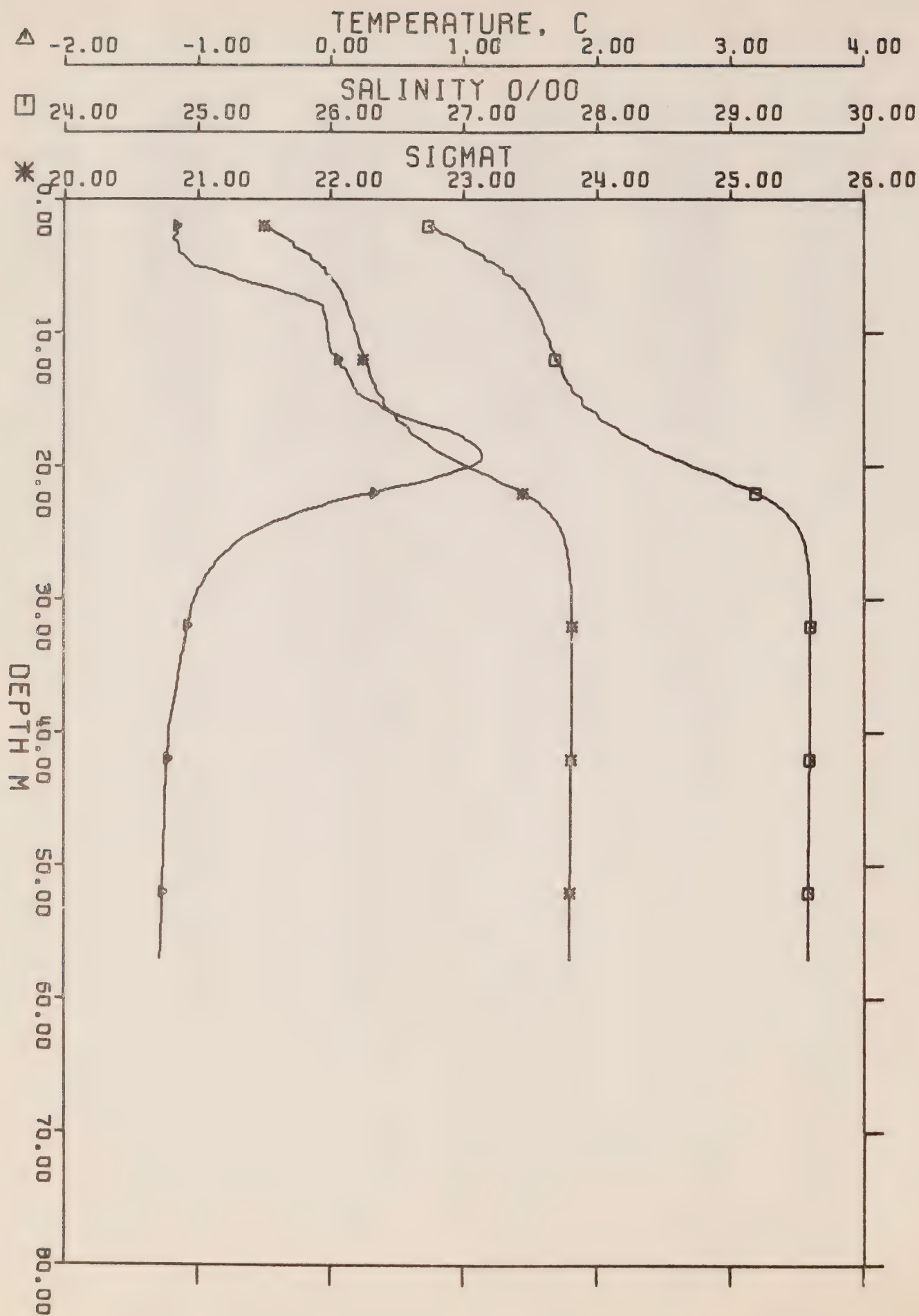
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
9.00	9.00	26.159 F	-0.662 F	21.031	1434.1
9.25	9.30	26.170 F	-0.626 E	21.040	1434.3
9.50	9.58	26.172 F	-0.619 E	21.041	1434.3
9.75	9.82	26.210 F	-0.604 F	21.072	1434.5
10.00	10.06	26.257 F	-0.562 F	21.109	1434.7
10.25	10.31	26.298 F	-0.523 F	21.141	1435.0
10.50	10.51	26.321 F	-0.504 E	21.159	1435.1
10.75	10.82	26.350 F	-0.469 E	21.182	1435.3
11.00	11.13	26.391 F	-0.443 F	21.215	1435.5
11.25	11.24	26.446 F	-0.429 F	21.259	1435.6
11.50	11.55	26.502 F	-0.406 E	21.303	1435.8
11.75	11.87	26.528 F	-0.364 E	21.323	1436.1
12.00	12.04	26.554 F	-0.349 F	21.344	1436.2
12.25	12.38	26.601 F	-0.344 E	21.382	1436.3
12.50	12.52	26.684 F	-0.324 F	21.448	1436.5
12.75	12.88	26.719 F	-0.277 F	21.475	1436.8
13.00	13.12	26.739 F	-0.213 F	21.490	1437.1
13.25	13.31	26.768 F	-0.179 E	21.512	1437.3
13.50	13.66	26.858 F	-0.164 E	21.584	1437.5
13.75	13.88	26.892 F	-0.135 E	21.611	1437.7
14.00	14.15	26.917 F	-0.065 E	21.629	1438.0
14.25	14.32	26.955 F	-0.032 E	21.659	1438.2
14.50	14.59	27.036 F	-0.021 F	21.724	1438.4
14.75	14.86	27.068 F	-0.001 F	21.749	1438.6
15.00	15.15	27.102 F	0.067 E	21.775	1438.9
15.25	15.33	27.156 F	0.108 E	21.817	1439.2
15.50	15.61	27.217 F	0.148 E	21.865	1439.5
15.75	15.90	27.243 F	0.203 E	21.884	1439.8
16.00	16.14	27.277 F	0.243 F	21.910	1440.0
16.25	16.31	27.342 F	0.254 E	21.962	1440.1
16.50	16.58	27.387 F	0.294 F	21.997	1440.4
16.75	16.89	27.423 F	0.368 E	22.023	1440.8
17.00	17.12	27.452 F	0.411 E	22.045	1441.0
17.25	17.44	27.501 F	0.447 E	22.083	1441.3
17.50	17.63	27.526 F	0.513 E	22.101	1441.6
17.75	17.86	27.560 F	0.591 E	22.125	1442.0
18.00	18.14	27.581 F	0.634 F	22.141	1442.2
18.25	18.42	27.613 F	0.666 E	22.165	1442.4
18.50	18.69	27.634 F	0.700 E	22.181	1442.6
18.75	18.88	27.662 F	0.737 F	22.202	1442.8
19.00	19.13	27.696 F	0.761 E	22.220	1443.0
19.25	19.38	27.703 F	0.798 E	22.232	1443.2
19.50	19.70	27.718 F	0.835 E	22.243	1443.4
19.75	19.93	27.737 F	0.855 E	22.257	1443.5
20.00	20.14	27.772 F	0.867 E	22.285	1443.6
20.25	20.36	27.785 F	0.887 F	22.294	1443.7
20.50	20.68	27.806 F	0.919 E	22.310	1443.9
20.75	20.91	27.826 F	0.914 E	22.326	1443.9
21.00	21.21	27.870 F	0.943 E	22.360	1444.1
21.25	21.45	27.886 F	0.988 F	22.371	1444.3
21.50	21.67	27.903 F	1.029 E	22.383	1444.6
21.75	21.92	27.930 F	1.020 E	22.405	1444.6
22.00	22.19	27.971 F	1.038 F	22.437	1444.7
22.25	22.39	27.997 F	1.065 F	22.456	1444.9
22.50	22.71	28.016 F	1.111 F	22.469	1445.1
22.75	22.90	28.042 F	1.109 E	22.490	1445.1
23.00	23.17	28.071 F	1.129 F	22.513	1445.3
23.25	23.52	28.099 F	1.151 F	22.534	1445.4
23.50	23.75	28.115 F	1.177 E	22.546	1445.6
23.75	23.97	28.139 F	1.195 E	22.564	1445.7
24.00	24.22	28.156 F	1.197 F	22.578	1445.7
24.25	24.47	28.178 F	1.190 F	22.595	1445.7
24.50	24.68	28.202 F	1.210 F	22.614	1445.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
24.75	24.24	28.240 F	1.232 E	22.643	1446.0
25.00	25.22	28.264 F	1.243 F	22.662	1446.1
25.25	25.53	28.279 F	1.252 E	22.673	1446.1
25.50	25.75	28.314 F	1.257 E	22.701	1446.2
25.75	25.97	28.376 F	1.262 E	22.751	1446.3
26.00	26.27	28.421 F	1.270 F	22.786	1446.4
26.25	26.50	28.451 F	1.256 E	22.811	1446.4
26.50	26.73	28.511 F	1.203 E	22.861	1446.3
26.75	26.98	28.593 F	1.165 F	22.933	1446.2
27.00	27.28	28.664 F	1.150 E	22.987	1446.2
27.25	27.46	28.720 F	1.108 F	23.033	1446.1
27.50	27.73	28.787 F	1.013 F	23.092	1445.8
27.75	28.06	28.866 F	0.925 F	23.159	1445.5
28.00	28.28	28.932 F	0.827 F	23.216	1445.1
28.25	28.53	29.006 F	0.710 F	23.281	1444.7
28.50	28.82	29.076 F	0.572 F	23.343	1444.2
28.75	29.04	29.134 F	0.459 F	23.394	1443.7
29.00	29.31	29.182 F	0.334 F	23.437	1443.2
29.25	29.58	29.240 F	0.216 F	23.488	1442.8
29.50	29.74	29.289 F	0.113 F	23.531	1442.4
29.75	30.10	29.322 F	0.017 E	23.561	1442.0
30.00	30.18	29.353 F	-0.110 E	23.591	1441.4
30.25	30.51	29.387 F	-0.224 E	23.622	1441.0
30.50	30.74	29.420 F	-0.308 E	23.651	1440.6
30.75	31.01	29.440 F	-0.370 F	23.669	1440.4
31.00	31.27	29.458 F	-0.430 F	23.685	1440.1
31.25	31.57	29.469 F	-0.482 D	23.695	1439.9
31.50	31.78	29.483 F	-0.538 D	23.708	1439.7
31.75	32.11	29.498 F	-0.583 D	23.721	1439.5
32.00	32.26	29.509 F	-0.624 D	23.731	1439.3
32.25	32.56	29.515 F	-0.657 D	23.737	1439.2
32.50	32.85	29.521 F	-0.689 D	23.743	1439.0
32.75	33.03	29.531 F	-0.711 D	23.751	1438.9
33.00	33.28	29.533 F	-0.733 D	23.753	1438.8
33.25	33.58	29.536 F	-0.753 D	23.756	1438.7
33.50	33.84	29.540 F	-0.780 D	23.760	1438.6
33.75	34.11	29.553 F	-0.800 D	23.771	1438.6
34.00	34.36	29.551 F	-0.813 D	23.770	1438.5
34.25	34.56	29.553 F	-0.829 D	23.772	1438.4
34.50	34.85	29.556 F	-0.851 D	23.775	1438.3
34.75	35.03	29.565 F	-0.865 D	23.782	1438.3
35.00	35.38	29.563 F	-0.876 D	23.781	1438.2
35.25	35.65	29.565 F	-0.896 D	23.783	1438.1
35.50	35.80	29.568 F	-0.924 D	23.786	1438.0
35.75	36.05	29.576 F	-0.941 D	23.793	1438.0
36.00	36.40	29.577 F	-0.952 D	23.794	1437.9
36.25	36.66	29.579 F	-0.966 D	23.796	1437.9
36.50	36.86	29.580 F	-0.978 D	23.797	1437.8
36.75	37.06	29.583 F	-0.986 D	23.800	1437.8
37.00	37.36	29.586 F	-0.997 D	23.802	1437.7
37.25	37.61	29.589 F	-1.010 C	23.805	1437.7
37.50	37.84	29.587 F	-1.017 C	23.803	1437.6
37.75	38.17	29.589 F	-1.029 C	23.805	1437.6
38.00	38.34	29.592 F	-1.043 C	23.808	1437.5
38.25	38.66	29.597 F	-1.051 C	23.812	1437.5
38.50	38.83	29.591 F	-1.052 C	23.807	1437.5
38.75	39.09	29.592 F	-1.060 C	23.808	1437.5
39.00	39.39	29.593 F	-1.070 C	23.809	1437.4
39.25	39.64	29.598 F	-1.074 C	23.813	1437.4
39.50	39.92	29.591 F	-1.076 C	23.808	1437.4
39.75	40.11	29.592 F	-1.083 C	23.809	1437.4
40.00	40.33	29.592 F	-1.089 C	23.809	1437.4
40.25	40.71	29.595 F	-1.092 C	23.811	1437.3
40.50	40.91	29.591 F	-1.093 C	23.808	1437.3
40.75	41.17	29.590 F	-1.093 C	23.807	1437.3
41.00	41.46	29.591 F	-1.095 C	23.808	1437.3
41.25	41.65	29.591 F	-1.098 C	23.808	1437.3
41.50	41.86	29.592 F	-1.099 C	23.808	1437.3
41.75	42.16	29.590 F	-1.101 C	23.808	1437.3
42.00	42.40	29.592 F	-1.102 C	23.808	1437.3

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
42.25	42.63	29.590 F	-1.105 C	23.808	1437.3
42.50	42.90	29.590 F	-1.108 C	23.808	1437.3
42.75	43.19	29.592 F	-1.112 C	23.809	1437.3
43.00	43.41	29.591 F	-1.116 C	23.809	1437.3
43.25	43.63	29.591 F	-1.122 C	23.809	1437.2
43.50	43.90	29.590 F	-1.127 C	23.808	1437.2
43.75	44.13	29.595 F	-1.133 C	23.812	1437.2
44.00	44.42	29.593 F	-1.138 C	23.811	1437.2
44.25	44.67	29.592 F	-1.147 C	23.810	1437.1
44.50	44.92	29.591 F	-1.152 C	23.809	1437.1
44.75	45.25	29.595 F	-1.158 C	23.813	1437.1
45.00	45.43	29.594 F	-1.164 C	23.812	1437.1
45.25	45.74	29.593 F	-1.172 C	23.811	1437.0
45.50	45.92	29.592 F	-1.176 C	23.811	1437.0
45.75	46.21	29.594 F	-1.181 C	23.812	1437.0
46.00	46.45	29.594 F	-1.185 C	23.812	1437.0
46.25	46.74	29.593 F	-1.191 C	23.812	1437.0
46.50	46.92	29.593 F	-1.193 C	23.812	1437.0
46.75	47.17	29.593 F	-1.195 C	23.812	1437.0
47.00	47.46	29.592 F	-1.198 C	23.811	1436.9
47.25	47.74	29.591 F	-1.200 C	23.810	1436.9
47.50	47.93	29.592 F	-1.200 C	23.811	1436.9
47.75	48.18	29.592 F	-1.203 C	23.811	1436.9
48.00	48.44	29.589 F	-1.206 C	23.809	1436.9
48.25	48.70	29.588 F	-1.209 C	23.808	1436.9
48.50	49.02	29.590 F	-1.210 C	23.810	1436.9
48.75	49.26	29.591 F	-1.211 C	23.810	1436.9
49.00	49.56	29.588 F	-1.213 C	23.808	1436.9
49.25	49.79	29.587 F	-1.216 C	23.807	1436.9
49.50	49.98	29.588 F	-1.219 C	23.808	1436.9
49.75	50.23	29.588 F	-1.221 C	23.808	1436.9
50.00	50.51	29.588 F	-1.223 C	23.808	1436.9
50.25	50.78	29.587 F	-1.225 C	23.807	1436.9
50.50	50.98	29.587 F	-1.228 C	23.807	1436.9
50.75	51.30	29.586 F	-1.230 C	23.807	1436.9
51.00	51.55	29.588 F	-1.232 C	23.808	1436.9
51.25	51.77	29.588 F	-1.233 C	23.808	1436.8
51.50	52.00	29.588 F	-1.236 C	23.808	1436.8
51.75	52.25	29.586 F	-1.238 C	23.807	1436.8
52.00	52.57	29.588 F	-1.239 C	23.808	1436.8
52.25	52.81	29.589 F	-1.240 C	23.809	1436.8
52.50	53.06	29.589 F	-1.243 C	23.809	1436.8
52.75	53.27	29.588 F	-1.245 C	23.809	1436.8
53.00	53.54	29.588 F	-1.246 C	23.809	1436.8
53.25	53.76	29.588 F	-1.248 C	23.809	1436.8
53.50	54.02	29.590 F	-1.250 C	23.810	1436.8
53.75	54.34	29.590 F	-1.252 C	23.810	1436.8
54.00	54.57	29.587 F	-1.252 C	23.808	1436.8
54.25	54.77	29.588 F	-1.253 C	23.809	1436.8
54.50	55.05	29.589 F	-1.256 C	23.810	1436.8
54.75	55.28	29.590 F	-1.257 C	23.810	1436.8
55.00	55.63	29.585 F	-1.259 C	23.806	1436.8
55.25	55.82	29.588 F	-1.260 C	23.809	1436.8
55.50	56.02	29.585 F	-1.261 C	23.807	1436.8
55.75	56.29	29.587 F	-1.261 C	23.808	1436.8
56.00	56.61	29.584 F	-1.263 C	23.806	1436.8
56.25	56.83	29.587 F	-1.264 C	23.808	1436.8
56.50	57.11	29.583 F	-1.265 C	23.805	1436.8
56.75	57.31	29.583 F	-1.265 C	23.805	1436.8
57.00	57.55	29.582 F	-1.267 C	23.804	1436.8
57.25	57.84	29.584 F	-1.267 C	23.806	1436.8
57.50	58.10	29.581 F	-1.268 C	23.803	1436.8
57.75	58.31	29.579 F	-1.268 C	23.802	1436.8
58.00	58.59	29.581 F	-1.269 C	23.803	1436.8
58.25	58.84	29.580 F	-1.269 C	23.803	1436.8
58.50	59.08	29.579 F	-1.271 C	23.802	1436.8
58.75	59.41	29.577 F	-1.272 C	23.800	1436.8
59.00	59.63	29.579 F	-1.272 C	23.802	1436.8
59.25	59.89	29.576 F	-1.274 C	23.799	1436.8
59.50	60.15	29.578 F	-1.274 C	23.801	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
60.75	60.40	29.574 E	-1.276 C	23.793	1436.3
60.00	60.60	29.575 E	-1.277 C	23.799	1436.3
60.25	60.84	29.573 E	-1.278 C	23.797	1436.8
60.50	61.13	29.576 E	-1.279 C	23.799	1436.8
60.75	61.35	29.572 E	-1.280 C	23.796	1436.3
61.00	61.65	29.571 E	-1.282 C	23.795	1436.8
61.25	61.94	29.570 E	-1.283 C	23.795	1436.8
61.50	62.21	29.574 E	-1.284 C	23.798	1436.8
61.75	62.44	29.569 E	-1.285 C	23.794	1436.8
62.00	62.69	29.568 E	-1.286 C	23.793	1436.7
62.25	62.94	29.567 E	-1.288 C	23.792	1436.7
62.50	63.09	29.569 E	-1.288 C	23.794	1436.7
62.75	63.37	29.566 E	-1.289 C	23.792	1436.7
63.00	63.59	29.565 E	-1.290 C	23.791	1436.7
63.25	63.88	29.570 E	-1.292 C	23.795	1436.7
63.50	64.23	29.566 E	-1.293 C	23.792	1436.7
63.75	64.48	29.565 E	-1.294 C	23.791	1436.7
64.00	64.70	29.566 E	-1.295 C	23.792	1436.7

EXPERIMENT 441



CRUISE 02-71-015 CRI CAMBRIDGE BAY
 LAT. N60 06.5 LONG. W105 04.0
 DEPTH INCR. 0.25 DATE 131071

EXPER. NO. 441
 WATER DEPTH 82
 LOCAL TIME 1030

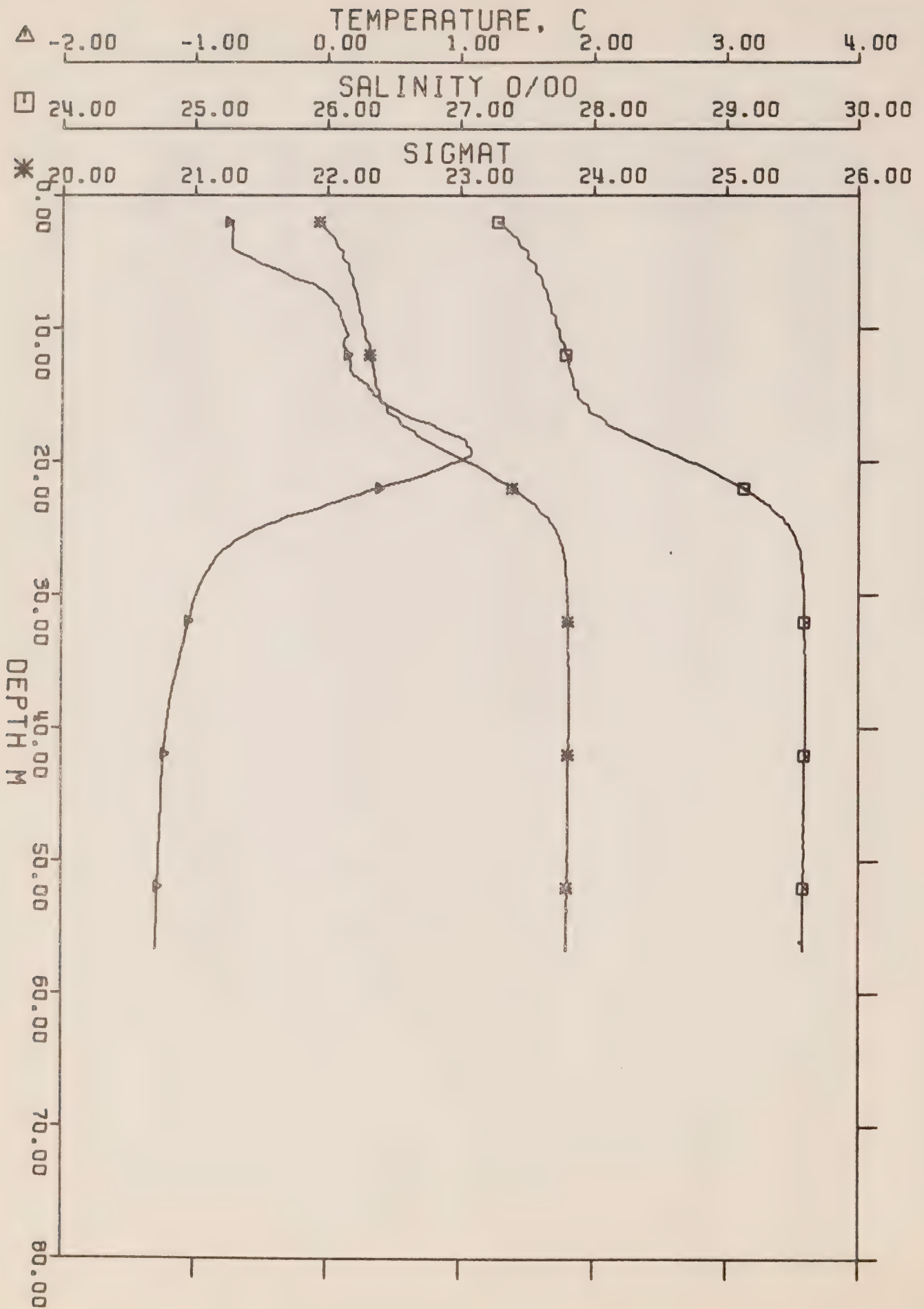
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.08	26.737 E	-1.157 F	21.504	1432.4
2.25	2.37	26.737 E	-1.165 F	21.552	1432.5
2.50	2.65	26.829 E	-1.154 F	21.578	1432.6
2.75	2.93	26.897 E	-1.168 F	21.633	1432.6
3.00	3.19	26.959 F	-1.189 E	21.683	1432.6
3.25	3.38	27.003 F	-1.152 F	21.718	1432.9
3.50	3.65	27.007 F	-1.141 F	21.721	1432.9
3.75	3.92	27.074 F	-1.138 F	21.776	1433.0
4.00	4.13	27.124 F	-1.130 F	21.816	1433.1
4.25	4.39	27.165 F	-1.098 E	21.849	1433.4
4.50	4.64	27.165 F	-1.068 F	21.848	1433.5
4.75	4.88	27.226 F	-1.049 E	21.897	1433.7
5.00	5.24	27.267 F	-1.021 E	21.930	1433.9
5.25	5.46	27.307 F	-0.904 E	21.961	1434.5
5.50	5.71	27.302 F	-0.824 F	21.955	1434.9
5.75	5.91	27.357 F	-0.752 E	21.999	1435.3
6.00	6.18	27.378 F	-0.682 E	22.014	1435.6
6.25	6.40	27.408 F	-0.575 F	22.036	1436.2
6.50	6.70	27.422 F	-0.491 E	22.046	1436.6
6.75	6.94	27.459 F	-0.405 E	22.074	1437.1
7.00	7.15	27.469 F	-0.327 E	22.080	1437.5
7.25	7.46	27.487 E	-0.233 E	22.092	1437.9
7.50	7.68	27.502 F	-0.176 E	22.103	1438.2
7.75	7.98	27.525 E	-0.107 F	22.120	1438.6
8.00	8.25	27.531 E	-0.052 E	22.123	1438.8
8.25	8.46	27.540 E	-0.046 E	22.130	1438.9
8.50	8.65	27.557 E	-0.040 F	22.143	1438.9
8.75	8.94	27.570 E	-0.025 F	22.153	1439.0
9.00	9.18	27.580 E	-0.017 E	22.161	1439.1
9.25	9.52	27.590 F	-0.015 E	22.169	1439.1
9.50	9.68	27.599 E	-0.016 E	22.176	1439.1
9.75	9.98	27.608 F	-0.015 E	22.184	1439.2
10.00	10.24	27.615 F	-0.014 F	22.189	1439.2
10.25	10.48	27.631 E	-0.013 F	22.202	1439.2
10.50	10.71	27.642 E	-0.007 F	22.211	1439.2
10.75	11.01	27.646 E	-0.002 F	22.214	1439.3
11.00	11.22	27.649 E	0.004 E	22.216	1439.3
11.25	11.55	27.669 E	0.007 F	22.232	1439.4
11.50	11.69	27.684 F	0.019 F	22.244	1439.4
11.75	11.95	27.688 E	0.044 F	22.246	1439.6
12.00	12.30	27.688 E	0.057 E	22.246	1439.6
12.25	12.50	27.713 E	0.068 E	22.266	1439.7
12.50	12.74	27.731 E	0.091 E	22.279	1439.9
12.75	12.96	27.740 F	0.123 F	22.286	1440.0
13.00	13.24	27.744 E	0.137 E	22.288	1440.1
13.25	13.50	27.754 E	0.150 F	22.296	1440.2
13.50	13.74	27.772 E	0.164 E	22.310	1440.3
13.75	14.04	27.795 E	0.182 F	22.328	1440.4
14.00	14.27	27.813 E	0.182 F	22.343	1440.4
14.25	14.50	27.812 F	0.196 F	22.341	1440.5
14.50	14.74	27.830 F	0.213 F	22.355	1440.6
14.75	15.07	27.868 F	0.236 F	22.385	1440.8
15.00	15.29	27.901 F	0.293 F	22.410	1441.1
15.25	15.55	27.887 F	0.359 F	22.396	1441.4
15.50	15.79	27.901 F	0.388 E	22.406	1441.5
15.75	15.99	27.950 F	0.409 E	22.445	1441.7
16.00	16.34	28.003 F	0.480 F	22.485	1442.1
16.25	16.52	28.009 F	0.563 E	22.487	1442.5
16.50	16.75	28.029 F	0.622 E	22.500	1442.8
16.75	17.11	28.075 F	0.681 E	22.535	1443.1
17.00	17.32	28.123 F	0.782 E	22.577	1443.7
17.25	17.55	28.156 F	0.882 F	22.592	1444.2
17.50	17.83	28.180 F	0.952 E	22.608	1444.5

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	18.06	28.225 F	0.997 F	22.642	1444.8
18.00	18.29	28.235 F	1.034 F	22.688	1445.0
18.25	18.50	28.333 F	1.068 F	22.725	1445.3
18.50	18.80	28.377 F	1.112 F	22.758	1445.5
18.75	19.10	28.425 F	1.142 F	22.796	1445.7
19.00	19.29	28.479 F	1.150 F	22.838	1445.9
19.25	19.56	28.535 F	1.153 F	22.883	1445.9
19.50	19.79	28.598 F	1.145 F	22.934	1446.0
19.75	20.16	28.657 F	1.115 F	22.983	1445.9
20.00	20.39	28.711 F	1.060 F	23.028	1445.8
20.25	20.61	28.774 F	0.979 D	23.083	1445.5
20.50	20.86	28.857 F	0.901 D	23.153	1445.3
20.75	21.13	28.921 F	0.832 D	23.207	1445.0
21.00	21.33	28.967 F	0.749 D	23.248	1444.7
21.25	21.66	29.022 F	0.628 D	23.297	1444.3
21.50	21.85	29.099 F	0.512 D	23.364	1443.8
21.75	22.16	29.155 F	0.423 D	23.412	1443.5
22.00	22.39	29.193 F	0.327 D	23.446	1443.1
22.25	22.63	29.237 F	0.194 D	23.487	1442.6
22.50	22.81	29.293 F	0.081 D	23.536	1442.1
22.75	23.16	29.331 F	0.003 D	23.569	1441.8
23.00	23.41	29.359 F	-0.073 D	23.594	1441.5
23.25	23.57	29.388 F	-0.163 D	23.620	1441.1
23.50	23.81	29.419 F	-0.246 D	23.648	1440.8
23.75	24.05	29.440 F	-0.314 D	23.667	1440.5
24.00	24.45	29.461 F	-0.380 D	23.686	1440.2
24.25	24.66	29.480 F	-0.441 C	23.703	1440.0
24.50	24.88	29.497 F	-0.493 C	23.718	1439.8
24.75	25.16	29.506 F	-0.543 C	23.727	1439.6
25.00	25.44	29.523 F	-0.592 C	23.742	1439.3
25.25	25.64	29.532 F	-0.636 C	23.750	1439.2
25.50	25.90	29.541 F	-0.675 C	23.758	1439.0
25.75	26.16	29.546 F	-0.710 C	23.763	1438.8
26.00	26.43	29.557 F	-0.742 C	23.773	1438.7
26.25	26.68	29.561 F	-0.770 C	23.777	1438.6
26.50	26.96	29.565 F	-0.797 C	23.781	1438.5
26.75	27.18	29.567 F	-0.822 C	23.783	1438.4
27.00	27.38	29.575 F	-0.845 C	23.790	1438.3
27.25	27.69	29.577 F	-0.866 C	23.792	1438.2
27.50	27.93	29.580 F	-0.884 C	23.795	1438.1
27.75	28.19	29.581 F	-0.902 C	23.796	1438.0
28.00	28.45	29.585 F	-0.921 C	23.800	1437.9
28.25	28.66	29.586 F	-0.937 C	23.801	1437.9
28.50	28.90	29.589 F	-0.952 C	23.804	1437.8
28.75	29.21	29.588 F	-0.968 C	23.803	1437.7
29.00	29.42	29.592 F	-0.984 C	23.807	1437.7
29.25	29.75	29.593 F	-0.999 C	23.808	1437.6
29.50	29.92	29.596 F	-1.010 C	23.811	1437.6
29.75	30.20	29.594 F	-1.020 C	23.809	1437.5
30.00	30.51	29.597 F	-1.028 C	23.812	1437.5
30.25	30.69	29.596 F	-1.038 C	23.811	1437.4
30.50	31.01	29.598 F	-1.046 C	23.813	1437.4
30.75	31.27	29.596 F	-1.054 C	23.811	1437.4
31.00	31.54	29.601 F	-1.058 C	23.816	1437.4
31.25	31.79	29.600 F	-1.065 C	23.815	1437.3
31.50	31.98	29.600 F	-1.072 C	23.815	1437.3
31.75	32.21	29.599 F	-1.077 C	23.814	1437.3
32.00	32.54	29.603 F	-1.080 C	23.818	1437.3
32.25	32.73	29.602 F	-1.085 C	23.817	1437.3
32.50	33.00	29.600 F	-1.089 C	23.815	1437.2
32.75	33.30	29.600 F	-1.094 C	23.815	1437.2
33.00	33.43	29.604 F	-1.099 C	23.819	1437.2
33.25	33.71	29.601 F	-1.104 C	23.816	1437.2
33.50	34.00	29.601 F	-1.109 C	23.817	1437.2
33.75	34.27	29.602 F	-1.115 C	23.818	1437.1
34.00	34.54	29.604 F	-1.121 C	23.819	1437.1
34.25	34.83	29.601 F	-1.126 C	23.817	1437.1
34.50	35.03	29.602 F	-1.131 C	23.818	1437.1
34.75	35.28	29.602 F	-1.135 C	23.818	1437.1
35.00	35.57	29.601 F	-1.139 C	23.817	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.82	29.600 F	-1.143 C	23.816	1437.0
35.50	36.04	29.602 F	-1.147 C	23.818	1437.0
35.75	36.25	29.601 F	-1.149 C	23.817	1437.0
36.00	36.48	29.599 F	-1.153 C	23.816	1437.0
36.25	36.81	29.600 F	-1.157 C	23.817	1437.0
36.50	37.04	29.601 F	-1.160 C	23.818	1437.0
36.75	37.28	29.599 F	-1.163 C	23.816	1437.0
37.00	37.55	29.599 F	-1.168 C	23.816	1436.9
37.25	37.72	29.600 F	-1.175 C	23.817	1436.9
37.50	38.10	29.602 F	-1.179 C	23.819	1436.9
37.75	38.22	29.599 F	-1.183 C	23.816	1436.9
38.00	38.54	29.599 F	-1.189 C	23.816	1436.9
38.25	38.82	29.599 F	-1.195 C	23.817	1436.8
38.50	39.02	29.601 F	-1.199 C	23.818	1436.8
38.75	39.32	29.599 F	-1.203 C	23.817	1436.8
39.00	39.56	29.598 F	-1.208 C	23.816	1436.8
39.25	39.87	29.598 F	-1.213 C	23.816	1436.8
39.50	40.09	29.599 F	-1.216 C	23.817	1436.8
39.75	40.33	29.600 F	-1.218 C	23.818	1436.8
40.00	40.60	29.597 F	-1.220 C	23.815	1436.7
40.25	40.84	29.596 F	-1.221 C	23.815	1436.7
40.50	41.11	29.596 F	-1.223 C	23.815	1436.7
40.75	41.30	29.599 F	-1.224 C	23.817	1436.7
41.00	41.63	29.595 F	-1.225 C	23.814	1436.7
41.25	41.89	29.594 F	-1.226 C	23.813	1436.7
41.50	42.07	29.594 F	-1.228 C	23.813	1436.7
41.75	42.32	29.598 F	-1.230 C	23.816	1436.7
42.00	42.64	29.595 F	-1.231 C	23.814	1436.7
42.25	42.86	29.594 F	-1.233 C	23.813	1436.7
42.50	43.11	29.593 F	-1.236 C	23.812	1436.7
42.75	43.40	29.596 F	-1.238 C	23.815	1436.7
43.00	43.59	29.595 F	-1.239 C	23.814	1436.7
43.25	43.91	29.593 F	-1.241 C	23.813	1436.7
43.50	44.13	29.593 F	-1.243 C	23.813	1436.7
43.75	44.36	29.592 F	-1.245 C	23.812	1436.7
44.00	44.61	29.594 F	-1.246 C	23.813	1436.7
44.25	44.93	29.592 F	-1.248 C	23.812	1436.7
44.50	45.17	29.591 F	-1.248 C	23.811	1436.7
44.75	45.41	29.589 F	-1.249 C	23.809	1436.7
45.00	45.66	29.594 F	-1.250 C	23.814	1436.7
45.25	45.86	29.590 F	-1.250 C	23.810	1436.7
45.50	46.17	29.588 F	-1.250 C	23.809	1436.7
45.75	46.48	29.587 F	-1.251 C	23.808	1436.7
46.00	46.67	29.592 F	-1.252 C	23.812	1436.7
46.25	46.92	29.588 F	-1.252 C	23.809	1436.7
46.50	47.20	29.586 F	-1.253 C	23.807	1436.7
46.75	47.43	29.585 F	-1.254 C	23.806	1436.7
47.00	47.69	29.590 F	-1.255 C	23.810	1436.7
47.25	47.93	29.586 F	-1.255 C	23.807	1436.7
47.50	48.16	29.585 F	-1.256 C	23.806	1436.7
47.75	48.42	29.584 F	-1.258 C	23.806	1436.7
48.00	48.69	29.588 F	-1.258 C	23.809	1436.7
48.25	48.92	29.584 F	-1.259 C	23.806	1436.7
48.50	49.24	29.586 F	-1.260 C	23.807	1436.7
48.75	49.47	29.583 F	-1.262 C	23.805	1436.7
49.00	49.70	29.584 F	-1.262 C	23.806	1436.7
49.25	49.97	29.583 F	-1.263 C	23.805	1436.7
49.50	50.16	29.585 F	-1.264 C	23.806	1436.7
49.75	50.44	29.583 F	-1.265 C	23.805	1436.7
50.00	50.75	29.581 F	-1.265 C	23.803	1436.7
50.25	50.99	29.582 F	-1.266 C	23.804	1436.7
50.50	51.21	29.584 F	-1.266 C	23.806	1436.7
50.75	51.46	29.582 F	-1.267 C	23.804	1436.7
51.00	51.73	29.579 F	-1.268 C	23.802	1436.7
51.25	51.95	29.582 F	-1.269 C	23.804	1436.7
51.50	52.24	29.582 F	-1.269 C	23.804	1436.7
51.75	52.47	29.581 F	-1.269 C	23.803	1436.7
52.00	52.73	29.577 F	-1.270 C	23.800	1436.7
52.25	52.97	29.582 F	-1.271 C	23.804	1436.7
52.50	53.20	29.579 F	-1.271 C	23.802	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.75	53.51	29.578 F	-1.271 C	23.801	1436.7
53.00	53.73	29.577 F	-1.272 C	23.800	1436.7
53.25	53.98	29.581 F	-1.272 C	23.803	1436.7
53.50	54.20	29.577 F	-1.273 C	23.800	1436.7
53.75	54.53	29.577 F	-1.273 C	23.800	1436.7
54.00	54.79	29.577 F	-1.275 C	23.800	1436.7
54.25	55.04	29.580 F	-1.275 C	23.803	1436.7
54.50	55.30	29.577 F	-1.276 C	23.800	1436.7
54.75	55.56	29.577 F	-1.277 C	23.800	1436.7
55.00	55.78	29.578 F	-1.278 C	23.801	1436.7
55.25	56.08	29.579 F	-1.279 C	23.802	1436.7
55.50	56.24	29.578 F	-1.280 C	23.801	1436.7
55.75	56.52	29.576 F	-1.282 C	23.799	1436.7
56.00	56.78	29.579 F	-1.283 C	23.802	1436.7
56.25	57.02	29.577 F	-1.285 C	23.800	1436.7
56.50	57.32	29.577 F	-1.286 C	23.800	1436.7
56.75	57.53	29.578 F	-1.288 C	23.801	1436.7
57.00	57.75	29.579 F	-1.289 C	23.802	1436.7

EXPERIMENT 442



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 442
 LAT. N69 05.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 131071 LOCAL TIME 1030

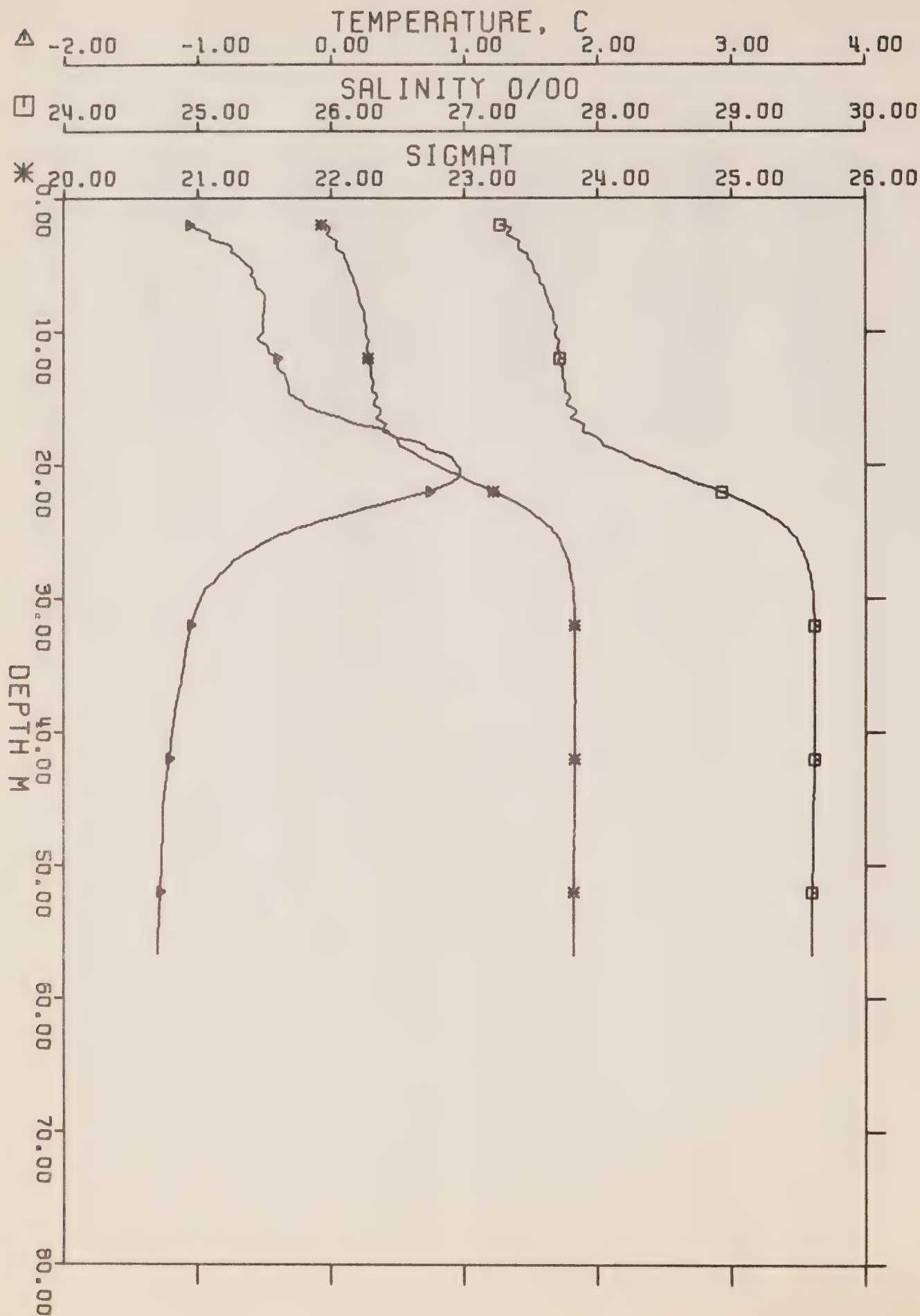
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.08	27.282 F	-0.752 E	21.938	1435.1
2.25	2.43	27.313 E	-0.722 E	21.962	1435.3
2.50	2.63	27.337 E	-0.714 E	21.982	1435.4
2.75	2.83	27.364 F	-0.719 E	22.004	1435.4
3.00	3.14	27.394 F	-0.723 F	22.028	1435.4
3.25	3.40	27.418 F	-0.723 F	22.047	1435.5
3.50	3.62	27.431 F	-0.723 F	22.058	1435.5
3.75	3.91	27.443 F	-0.719 E	22.067	1435.5
4.00	4.08	27.477 F	-0.710 E	22.095	1435.6
4.25	4.38	27.503 F	-0.685 F	22.115	1435.8
4.50	4.60	27.510 F	-0.618 F	22.119	1436.1
4.75	4.92	27.505 F	-0.565 F	22.114	1436.4
5.00	5.16	27.537 F	-0.528 F	22.139	1436.6
5.25	5.37	27.562 F	-0.484 D	22.159	1436.8
5.50	5.65	27.568 F	-0.400 D	22.161	1437.2
5.75	5.89	27.563 F	-0.335 D	22.156	1437.5
6.00	6.17	27.590 F	-0.291 D	22.177	1437.8
6.25	6.38	27.609 F	-0.244 D	22.191	1438.0
6.50	6.64	27.615 F	-0.157 D	22.193	1438.4
6.75	6.96	27.610 F	-0.094 D	22.188	1438.7
7.00	7.22	27.629 F	-0.056 D	22.202	1438.9
7.25	7.49	27.645 F	-0.024 D	22.214	1439.1
7.50	7.67	27.652 F	0.010 D	22.218	1439.3
7.75	7.88	27.651 F	0.034 D	22.217	1439.4
8.00	8.18	27.663 F	0.051 D	22.226	1439.5
8.25	8.37	27.674 F	0.070 D	22.234	1439.6
8.50	8.64	27.678 F	0.087 D	22.237	1439.7
8.75	8.90	27.679 F	0.097 D	22.237	1439.8
9.00	9.14	27.696 F	0.101 D	22.251	1439.8
9.25	9.45	27.710 F	0.106 D	22.262	1439.8
9.50	9.69	27.712 F	0.119 D	22.263	1439.9
9.75	9.95	27.710 F	0.133 D	22.261	1440.0
10.00	10.25	27.726 F	0.145 D	22.274	1440.1
10.25	10.46	27.740 F	0.153 F	22.285	1440.1
10.50	10.76	27.741 F	0.159 F	22.285	1440.2
10.75	10.95	27.739 F	0.136 F	22.285	1440.0
11.00	11.21	27.759 F	0.118 F	22.301	1440.0
11.25	11.48	27.779 F	0.120 F	22.317	1440.0
11.50	11.72	27.782 F	0.137 F	22.319	1440.1
11.75	11.98	27.780 F	0.147 F	22.317	1440.2
12.00	12.27	27.786 F	0.154 F	22.322	1440.2
12.25	12.53	27.797 F	0.164 F	22.330	1440.3
12.50	12.74	27.802 F	0.176 F	22.334	1440.3
12.75	12.94	27.808 F	0.177 F	22.339	1440.4
13.00	13.23	27.815 F	0.175 F	22.344	1440.4
13.25	13.48	27.823 F	0.184 F	22.351	1440.4
13.50	13.76	27.827 F	0.201 F	22.353	1440.5
13.75	14.02	27.839 F	0.236 F	22.362	1440.7
14.00	14.26	27.843 F	0.269 F	22.364	1440.9
14.25	14.52	27.844 F	0.303 F	22.363	1441.0
14.50	14.79	27.854 F	0.325 F	22.371	1441.1
14.75	14.99	27.875 F	0.338 F	22.388	1441.2
15.00	15.24	27.885 F	0.354 F	22.395	1441.3
15.25	15.48	27.883 F	0.387 D	22.392	1441.5
15.50	15.74	27.911 F	0.414 D	22.413	1441.6
15.75	15.98	27.948 F	0.445 D	22.442	1441.8
16.00	16.26	27.960 F	0.491 D	22.450	1442.1
16.25	16.56	27.958 F	0.547 D	22.446	1442.3
16.50	16.72	28.007 F	0.583 D	22.484	1442.6
16.75	17.02	28.061 F	0.622 D	22.526	1442.8
17.00	17.29	28.086 F	0.711 D	22.543	1443.3
17.25	17.50	28.093 G	0.789 D	22.545	1443.6
17.50	17.75	28.159 G	0.834 D	22.596	1443.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	18.01	28.222 G	0.869 D	22.645	1444.2
18.00	18.29	28.263 G	0.948 D	22.675	1444.6
18.25	18.50	28.304 G	1.015 F	22.704	1445.0
18.50	18.76	28.375 G	1.048 F	22.760	1445.2
18.75	19.08	28.433 G	1.052 F	22.806	1445.3
19.00	19.32	28.482 G	1.079 F	22.844	1445.5
19.25	19.58	28.545 F	1.088 F	22.894	1445.7
19.50	19.78	28.614 F	1.085 F	22.950	1445.7
19.75	20.03	28.665 F	1.052 F	22.992	1445.7
20.00	20.28	28.718 F	0.984 F	23.038	1445.4
20.25	20.57	28.790 F	0.915 D	23.098	1445.2
20.50	20.77	28.850 F	0.861 D	23.149	1445.1
20.75	21.03	28.893 F	0.804 D	23.186	1444.9
21.00	21.34	28.941 F	0.726 D	23.228	1444.6
21.25	21.58	28.994 F	0.644 D	23.274	1444.3
21.50	21.88	29.041 F	0.569 D	23.315	1444.0
21.75	22.05	29.079 F	0.481 D	23.349	1443.7
22.00	22.32	29.130 F	0.387 D	23.393	1443.3
22.25	22.54	29.175 F	0.306 D	23.433	1443.0
22.50	22.79	29.209 F	0.236 D	23.463	1442.7
22.75	23.05	29.241 F	0.156 D	23.491	1442.4
23.00	23.31	29.283 F	0.081 D	23.528	1442.1
23.25	23.60	29.316 F	0.009 D	23.557	1441.8
23.50	23.81	29.339 F	-0.060 D	23.578	1441.5
23.75	24.05	29.368 F	-0.154 D	23.604	1441.2
24.00	24.36	29.402 F	-0.246 D	23.634	1440.8
24.25	24.54	29.430 F	-0.315 D	23.659	1440.5
24.50	24.90	29.445 F	-0.374 D	23.673	1440.3
24.75	25.11	29.465 F	-0.439 D	23.692	1440.0
25.00	25.33	29.484 F	-0.507 D	23.708	1439.7
25.25	25.63	29.502 F	-0.556 D	23.724	1439.5
25.50	25.83	29.512 F	-0.602 D	23.733	1439.3
25.75	26.08	29.524 F	-0.654 D	23.744	1439.1
26.00	26.41	29.533 F	-0.703 D	23.753	1438.9
26.25	26.65	29.543 F	-0.734 D	23.762	1438.7
26.50	26.89	29.550 F	-0.763 D	23.768	1438.6
26.75	27.13	29.556 F	-0.789 D	23.773	1438.5
27.00	27.40	29.558 F	-0.815 D	23.776	1438.4
27.25	27.65	29.562 F	-0.837 D	23.779	1438.3
27.50	27.86	29.569 F	-0.856 D	23.785	1438.2
27.75	28.17	29.572 F	-0.872 D	23.788	1438.1
28.00	28.40	29.573 F	-0.886 D	23.789	1438.1
28.25	28.66	29.574 F	-0.902 C	23.790	1438.0
28.50	28.96	29.578 F	-0.919 C	23.794	1437.9
28.75	29.15	29.582 F	-0.935 C	23.798	1437.9
29.00	29.41	29.582 F	-0.947 C	23.798	1437.8
29.25	29.67	29.583 F	-0.957 C	23.799	1437.8
29.50	29.94	29.584 F	-0.970 C	23.800	1437.7
29.75	30.17	29.587 F	-0.983 C	23.803	1437.7
30.00	30.44	29.587 F	-0.993 C	23.803	1437.6
30.25	30.64	29.590 F	-1.000 C	23.806	1437.6
30.50	30.94	29.589 F	-1.007 C	23.805	1437.6
30.75	31.13	29.590 F	-1.018 C	23.806	1437.5
31.00	31.40	29.589 F	-1.025 C	23.805	1437.5
31.25	31.65	29.593 F	-1.031 C	23.809	1437.5
31.50	31.94	29.593 F	-1.035 C	23.809	1437.5
31.75	32.16	29.592 F	-1.042 C	23.808	1437.4
32.00	32.44	29.592 F	-1.049 C	23.808	1437.4
32.25	32.72	29.593 F	-1.056 C	23.809	1437.4
32.50	32.98	29.595 F	-1.061 C	23.811	1437.4
32.75	33.18	29.595 F	-1.067 C	23.811	1437.3
33.00	33.42	29.595 F	-1.074 C	23.811	1437.3
33.25	33.71	29.593 F	-1.080 C	23.810	1437.3
33.50	33.92	29.597 F	-1.085 C	23.813	1437.3
33.75	34.19	29.598 F	-1.091 C	23.814	1437.2
34.00	34.47	29.597 F	-1.097 C	23.813	1437.2
34.25	34.72	29.594 F	-1.102 C	23.811	1437.2
34.50	34.94	29.593 F	-1.108 C	23.815	1437.2
34.75	35.23	29.599 F	-1.113 C	23.815	1437.2
35.00	35.46	29.598 F	-1.119 C	23.814	1437.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.71	29.597	-1.125 C	23.814	1437.1
35.50	36.01	29.601	-1.131 C	23.817	1437.1
35.75	36.20	29.600	-1.137 C	23.816	1437.1
36.00	36.55	29.599	-1.143 C	23.816	1437.0
36.25	36.75	29.601	-1.150 C	23.817	1437.0
36.50	37.03	29.603	-1.156 C	23.819	1437.0
36.75	37.24	29.602	-1.162 C	23.818	1437.0
37.00	37.47	29.600	-1.167 C	23.817	1436.9
37.25	37.72	29.604	-1.172 C	23.820	1436.9
37.50	37.98	29.603	-1.177 C	23.819	1436.9
37.75	38.27	29.603	-1.181 C	23.820	1436.9
38.00	38.51	29.601	-1.186 C	23.818	1436.9
38.25	38.72	29.605	-1.190 C	23.821	1436.9
38.50	39.01	29.602	-1.195 C	23.819	1436.8
38.75	39.29	29.603	-1.198 C	23.820	1436.8
39.00	39.52	29.601	-1.202 C	23.818	1436.8
39.25	39.82	29.604	-1.204 C	23.821	1436.8
39.50	40.09	29.601	-1.207 C	23.818	1436.8
39.75	40.26	29.600	-1.210 C	23.818	1436.8
40.00	40.54	29.599	-1.214 C	23.817	1436.8
40.25	40.81	29.601	-1.216 C	23.819	1436.8
40.50	41.02	29.599	-1.219 C	23.817	1436.8
40.75	41.28	29.599	-1.222 C	23.817	1436.7
41.00	41.58	29.596	-1.224 C	23.815	1436.7
41.25	41.81	29.599	-1.227 C	23.817	1436.7
41.50	42.03	29.597	-1.229 C	23.816	1436.7
41.75	42.31	29.596	-1.231 C	23.815	1436.7
42.00	42.55	29.594	-1.233 C	23.813	1436.7
42.25	42.80	29.597	-1.236 C	23.816	1436.7
42.50	43.03	29.595	-1.238 C	23.814	1436.7
42.75	43.32	29.595	-1.240 C	23.814	1436.7
43.00	43.57	29.592	-1.241 C	23.812	1436.7
43.25	43.84	29.595	-1.244 C	23.814	1436.7
43.50	44.11	29.593	-1.245 C	23.813	1436.7
43.75	44.38	29.593	-1.246 C	23.813	1436.7
44.00	44.62	29.590	-1.248 C	23.810	1436.7
44.25	44.86	29.591	-1.249 C	23.811	1436.7
44.50	45.11	29.590	-1.250 C	23.810	1436.7
44.75	45.33	29.591	-1.250 C	23.811	1436.7
45.00	45.52	29.588	-1.252 C	23.809	1436.7
45.25	45.88	29.587	-1.252 C	23.808	1436.7
45.50	46.13	29.589	-1.253 C	23.810	1436.7
45.75	46.32	29.590	-1.253 C	23.810	1436.7
46.00	46.66	29.587	-1.254 C	23.808	1436.7
46.25	46.85	29.585	-1.255 C	23.806	1436.7
46.50	47.18	29.589	-1.256 C	23.810	1436.7
46.75	47.35	29.587	-1.257 C	23.808	1436.7
47.00	47.59	29.586	-1.258 C	23.807	1436.7
47.25	47.88	29.585	-1.260 C	23.806	1436.7
47.50	48.15	29.590	-1.260 C	23.810	1436.7
47.75	48.35	29.586	-1.262 C	23.807	1436.7
48.00	48.57	29.585	-1.262 C	23.806	1436.7
48.25	48.93	29.585	-1.264 C	23.806	1436.7
48.50	49.15	29.589	-1.265 C	23.810	1436.7
48.75	49.42	29.585	-1.267 C	23.807	1436.6
49.00	49.63	29.584	-1.268 C	23.806	1436.6
49.25	49.91	29.586	-1.269 C	23.807	1436.6
49.50	50.20	29.587	-1.270 C	23.808	1436.6
49.75	50.42	29.586	-1.271 C	23.807	1436.6
50.00	50.65	29.583	-1.272 C	23.805	1436.6
50.25	50.91	29.584	-1.273 C	23.806	1436.6
50.50	51.22	29.585	-1.274 C	23.807	1436.6
50.75	51.45	29.586	-1.274 C	23.807	1436.6
51.00	51.64	29.583	-1.275 C	23.805	1436.6
51.25	51.89	29.582	-1.276 C	23.804	1436.6
51.50	52.18	29.584	-1.276 C	23.806	1436.6
51.75	52.38	29.586	-1.276 C	23.807	1436.7
52.00	52.68	29.580	-1.277 C	23.803	1436.6
52.25	52.95	29.581	-1.277 C	23.803	1436.7
52.50	53.25	29.582	-1.278 C	23.804	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.75	53.43	29.585 E	-1.279 C	23.807	1436.7
53.00	53.71	29.578 E	-1.279 C	23.801	1436.6
53.25	53.98	29.582 E	-1.280 C	23.804	1436.7
53.50	54.16	29.581 E	-1.280 C	23.804	1436.7
53.75	54.40	29.584 E	-1.281 C	23.806	1436.7
54.00	54.70	29.578 E	-1.282 C	23.801	1436.7
54.25	54.92	29.582 E	-1.283 C	23.804	1436.7
54.50	55.17	29.581 E	-1.285 C	23.804	1436.6
54.75	55.41	29.582 E	-1.285 C	23.804	1436.7
55.00	55.68	29.579 E	-1.287 C	23.802	1436.6
55.25	56.00	29.582 E	-1.288 C	23.804	1436.6
55.50	56.26	29.581 E	-1.289 C	23.804	1436.6
55.75	56.50	29.582 E	-1.291 C	23.805	1436.6
56.00	56.73	29.582 E	-1.292 C	23.805	1436.6
56.25	56.91	29.581 E	-1.293 C	23.804	1436.6
56.50	57.21	29.580 E	-1.294 C	23.803	1436.6
56.75	57.50	29.580 E	-1.296 C	23.803	1436.6

EXPERIMENT 444



CRUISE 02-71-015 CR1 CAMBRIDGE BAY EXPER. NO. 444
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 191071 LOCAL TIME 0930

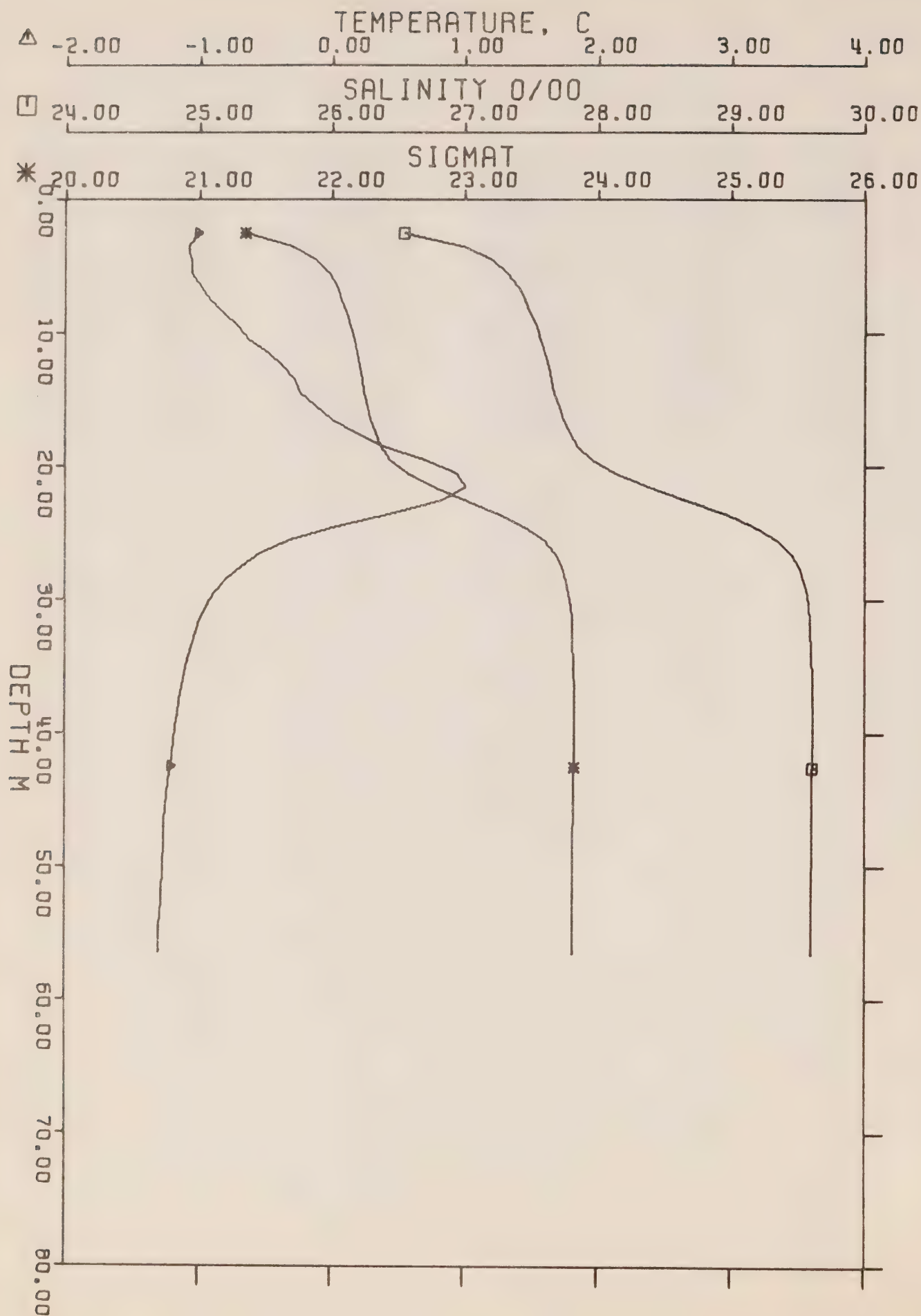
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	1.94	27.266 F	-1.052 D	21.930	1433.6
2.25	2.22	27.356 F	-1.022 D	22.002	1433.9
2.50	2.45	27.339 F	-0.941 D	21.987	1434.3
2.75	2.74	27.320 F	-0.896 D	21.971	1434.5
3.00	3.03	27.370 F	-0.908 D	22.012	1434.5
3.25	3.30	27.423 F	-0.847 F	22.053	1434.9
3.50	3.50	27.414 F	-0.749 F	22.044	1435.3
3.75	3.72	27.414 F	-0.725 F	22.044	1435.5
4.00	4.02	27.455 F	-0.753 F	22.078	1435.4
4.25	4.26	27.479 F	-0.706 F	22.096	1435.6
4.50	4.52	27.484 F	-0.671 F	22.099	1435.8
4.75	4.75	27.502 F	-0.650 F	22.114	1435.9
5.00	5.06	27.525 F	-0.617 F	22.131	1436.1
5.25	5.29	27.518 F	-0.580 F	22.125	1436.3
5.50	5.49	27.533 F	-0.584 F	22.137	1436.3
5.75	5.71	27.551 F	-0.597 F	22.152	1436.3
6.00	6.01	27.574 F	-0.574 F	22.170	1436.4
6.25	6.30	27.570 F	-0.559 F	22.167	1436.5
6.50	6.58	27.586 F	-0.552 E	22.179	1436.6
6.75	6.82	27.596 F	-0.546 E	22.187	1436.6
7.00	7.03	27.610 F	-0.506 E	22.198	1436.8
7.25	7.29	27.610 F	-0.493 E	22.197	1436.9
7.50	7.51	27.627 E	-0.490 E	22.211	1436.9
7.75	7.74	27.630 E	-0.498 E	22.214	1436.9
8.00	7.98	27.638 E	-0.492 E	22.220	1436.9
8.25	8.35	27.647 E	-0.503 E	22.227	1436.9
8.50	8.55	27.671 E	-0.502 F	22.247	1436.9
8.75	8.78	27.672 E	-0.505 E	22.248	1436.9
9.00	9.05	27.670 E	-0.501 E	22.246	1436.9
9.25	9.35	27.671 E	-0.514 E	22.247	1436.9
9.50	9.53	27.693 E	-0.513 E	22.265	1436.9
9.75	9.83	27.696 E	-0.501 F	22.267	1437.0
10.00	10.06	27.688 E	-0.497 F	22.260	1437.0
10.25	10.38	27.681 E	-0.519 F	22.255	1436.9
10.50	10.56	27.704 E	-0.545 E	22.274	1436.8
10.75	10.89	27.718 E	-0.530 F	22.285	1436.9
11.00	11.08	27.713 E	-0.482 E	22.280	1437.1
11.25	11.36	27.696 F	-0.457 F	22.266	1437.2
11.50	11.55	27.707 F	-0.459 F	22.275	1437.2
11.75	11.89	27.721 F	-0.440 F	22.286	1437.4
12.00	12.13	27.721 F	-0.401 F	22.285	1437.5
12.25	12.32	27.713 F	-0.386 F	22.278	1437.6
12.50	12.53	27.724 F	-0.404 F	22.287	1437.5
12.75	12.85	27.741 F	-0.402 F	22.301	1437.6
13.00	13.10	27.741 F	-0.366 F	22.300	1437.7
13.25	13.37	27.738 F	-0.336 F	22.297	1437.9
13.50	13.58	27.743 F	-0.325 F	22.301	1437.9
13.75	13.88	27.763 F	-0.320 F	22.317	1438.0
14.00	14.16	27.765 F	-0.313 F	22.318	1438.0
14.25	14.39	27.761 E	-0.314 E	22.315	1438.0
14.50	14.56	27.761 E	-0.314 E	22.315	1438.0
14.75	14.87	27.791 E	-0.297 E	22.339	1438.2
15.00	15.15	27.803 F	-0.256 F	22.347	1438.4
15.25	15.36	27.783 F	-0.212 E	22.330	1438.6
15.50	15.61	27.770 F	-0.191 E	22.319	1438.6
15.75	15.90	27.816 F	-0.167 F	22.355	1438.8
16.00	16.13	27.851 F	-0.091 F	22.381	1439.2
16.25	16.41	27.824 F	0.014 F	22.357	1439.7
16.50	16.64	27.805 F	0.089 F	22.339	1440.0
16.75	16.83	27.863 F	0.120 F	22.385	1440.2
17.00	17.10	27.913 F	0.214 F	22.422	1440.7
17.25	17.39	27.896 F	0.355 F	22.403	1441.4
17.50	17.61	27.888 F	0.436 E	22.394	1441.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	17.84	27.961 F	0.444 F	22.453	1441.9
18.00	18.13	28.014 F	0.509 F	22.493	1442.3
18.25	18.43	28.029 F	0.634 F	22.500	1442.9
18.50	18.66	28.045 F	0.715 F	22.510	1443.3
18.75	18.89	28.125 F	0.734 F	22.573	1443.5
19.00	19.15	28.174 F	0.788 F	22.610	1443.8
19.25	19.43	28.217 F	0.872 E	22.641	1444.2
19.50	19.65	28.262 F	0.918 E	22.675	1444.5
19.75	19.96	28.345 F	0.935 E	22.741	1444.7
20.00	20.18	28.398 F	0.950 F	22.783	1444.8
20.25	20.46	28.461 F	0.967 F	22.832	1445.0
20.50	20.74	28.526 F	0.970 F	22.884	1445.1
20.75	20.96	28.605 F	0.967 F	22.948	1445.2
21.00	21.22	28.664 F	0.950 F	22.996	1445.2
21.25	21.47	28.730 F	0.907 F	23.051	1445.1
21.50	21.73	28.797 F	0.861 F	23.106	1445.0
21.75	22.03	28.866 F	0.808 F	23.164	1444.9
22.00	22.24	28.929 F	0.743 F	23.218	1444.7
22.25	22.48	28.988 F	0.650 E	23.269	1444.3
22.50	22.73	29.045 E	0.553 E	23.319	1444.0
22.75	23.04	29.102 E	0.459 E	23.368	1443.6
23.00	23.28	29.157 E	0.373 E	23.416	1443.3
23.25	23.44	29.204 E	0.275 F	23.457	1442.9
23.50	23.77	29.248 E	0.180 E	23.496	1442.5
23.75	23.99	29.289 E	0.085 F	23.532	1442.2
24.00	24.25	29.327 E	0.004 E	23.566	1441.8
24.25	24.50	29.359 E	-0.081 E	23.594	1441.5
24.50	24.68	29.392 E	-0.163 E	23.624	1441.2
24.75	24.93	29.417 E	-0.245 E	23.646	1440.8
25.00	25.20	29.442 E	-0.314 E	23.669	1440.5
25.25	25.49	29.464 E	-0.382 E	23.688	1440.3
25.50	25.73	29.486 E	-0.439 E	23.708	1440.0
25.75	26.03	29.495 E	-0.491 E	23.716	1439.8
26.00	26.28	29.512 E	-0.536 E	23.731	1439.6
26.25	26.53	29.524 E	-0.583 E	23.742	1439.4
26.50	26.77	29.538 E	-0.621 E	23.755	1439.3
26.75	27.07	29.539 E	-0.663 E	23.757	1439.1
27.00	27.28	29.554 E	-0.703 E	23.770	1438.9
27.25	27.58	29.564 E	-0.735 E	23.779	1438.8
27.50	27.78	29.573 E	-0.755 E	23.786	1438.7
27.75	28.06	29.573 E	-0.782 F	23.787	1438.6
28.00	28.28	29.582 E	-0.813 F	23.795	1438.4
28.25	28.57	29.588 E	-0.838 E	23.800	1438.3
28.50	28.88	29.593 E	-0.857 E	23.805	1438.3
28.75	29.11	29.596 E	-0.884 E	23.808	1438.1
29.00	29.30	29.600 E	-0.914 F	23.812	1438.0
29.25	29.58	29.605 E	-0.938 F	23.816	1437.9
29.50	29.81	29.609 E	-0.955 E	23.820	1437.8
29.75	30.07	29.611 E	-0.968 F	23.822	1437.8
30.00	30.35	29.610 E	-0.980 F	23.821	1437.7
30.25	30.54	29.614 E	-0.990 C	23.825	1437.7
30.50	30.84	29.615 E	-1.000 C	23.826	1437.6
30.75	31.09	29.615 E	-1.010 C	23.826	1437.6
31.00	31.32	29.614 E	-1.020 C	23.825	1437.6
31.25	31.56	29.619 F	-1.029 C	23.830	1437.5
31.50	31.84	29.620 F	-1.036 C	23.830	1437.5
31.75	32.09	29.619 F	-1.042 C	23.830	1437.5
32.00	32.33	29.619 E	-1.049 C	23.830	1437.4
32.25	32.58	29.622 E	-1.056 C	23.833	1437.4
32.50	32.88	29.622 E	-1.062 C	23.833	1437.4
32.75	33.10	29.623 E	-1.068 C	23.834	1437.4
33.00	33.36	29.623 F	-1.074 C	23.834	1437.3
33.25	33.63	29.622 E	-1.079 C	23.833	1437.3
33.50	33.89	29.622 E	-1.085 C	23.833	1437.3
33.75	34.20	29.624 E	-1.089 C	23.835	1437.3
34.00	34.38	29.624 E	-1.092 C	23.835	1437.3
34.25	34.60	29.621 E	-1.095 C	23.832	1437.3
34.50	34.89	29.621 E	-1.099 C	23.833	1437.3
34.75	35.12	29.623 E	-1.102 C	23.834	1437.2
35.00	35.40	29.623 E	-1.105 C	23.834	1437.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.65	29.619 E	-1.108 C	23.831	1437.2
35.50	35.91	29.621 E	-1.112 C	23.833	1437.2
35.75	36.16	29.622 E	-1.116 C	23.834	1437.2
36.00	36.41	29.622 E	-1.120 C	23.834	1437.2
36.25	36.73	29.619 E	-1.125 C	23.831	1437.2
36.50	36.88	29.622 E	-1.132 C	23.834	1437.1
36.75	37.15	29.623 E	-1.136 C	23.835	1437.1
37.00	37.42	29.622 E	-1.141 C	23.834	1437.1
37.25	37.65	29.621 E	-1.146 C	23.833	1437.1
37.50	37.96	29.622 E	-1.153 C	23.834	1437.0
37.75	38.13	29.623 E	-1.157 C	23.835	1437.0
38.00	38.43	29.621 E	-1.161 C	23.834	1437.0
38.25	38.65	29.621 E	-1.167 C	23.834	1437.0
38.50	38.94	29.622 E	-1.172 C	23.835	1437.0
38.75	39.23	29.621 E	-1.175 C	23.834	1437.0
39.00	39.44	29.620 E	-1.178 C	23.833	1437.0
39.25	39.71	29.620 E	-1.182 C	23.833	1436.9
39.50	39.95	29.619 E	-1.185 C	23.833	1436.9
39.75	40.21	29.619 E	-1.187 C	23.833	1436.9
40.00	40.45	29.618 E	-1.190 C	23.832	1436.9
40.25	40.78	29.619 E	-1.193 C	23.833	1436.9
40.50	41.00	29.617 E	-1.196 C	23.831	1436.9
40.75	41.19	29.618 E	-1.198 C	23.832	1436.9
41.00	41.44	29.619 E	-1.201 C	23.833	1436.9
41.25	41.78	29.619 E	-1.204 C	23.833	1436.9
41.50	42.04	29.617 E	-1.208 C	23.831	1436.8
41.75	42.24	29.618 E	-1.210 C	23.832	1436.8
42.00	42.46	29.620 E	-1.214 C	23.834	1436.8
42.25	42.77	29.619 E	-1.217 C	23.833	1436.8
42.50	43.05	29.618 E	-1.220 C	23.832	1436.8
42.75	43.26	29.618 E	-1.224 C	23.832	1436.8
43.00	43.52	29.620 E	-1.228 C	23.834	1436.8
43.25	43.74	29.618 E	-1.232 C	23.833	1436.8
43.50	44.07	29.618 E	-1.235 C	23.833	1436.8
43.75	44.23	29.617 E	-1.238 C	23.832	1436.7
44.00	44.51	29.620 E	-1.241 C	23.834	1436.7
44.25	44.71	29.617 E	-1.245 C	23.832	1436.7
44.50	45.04	29.616 E	-1.248 C	23.831	1436.7
44.75	45.28	29.615 E	-1.251 C	23.831	1436.7
45.00	45.50	29.618 E	-1.254 C	23.833	1436.7
45.25	45.83	29.615 E	-1.256 C	23.831	1436.7
45.50	46.00	29.612 E	-1.258 C	23.828	1436.7
45.75	46.33	29.613 E	-1.260 C	23.829	1436.7
46.00	46.52	29.614 E	-1.261 C	23.830	1436.7
46.25	46.77	29.612 E	-1.261 C	23.828	1436.7
46.50	47.07	29.608 E	-1.262 C	23.825	1436.7
46.75	47.30	29.611 E	-1.263 C	23.827	1436.7
47.00	47.60	29.610 E	-1.264 C	23.827	1436.7
47.25	47.84	29.609 E	-1.263 C	23.826	1436.7
47.50	48.06	29.607 E	-1.264 C	23.824	1436.7
47.75	48.30	29.610 E	-1.264 C	23.827	1436.7
48.00	48.59	29.607 E	-1.264 C	23.824	1436.7
48.25	48.82	29.607 E	-1.265 C	23.824	1436.7
48.50	49.08	29.607 E	-1.266 C	23.824	1436.7
48.75	49.33	29.608 E	-1.266 C	23.825	1436.7
49.00	49.64	29.606 E	-1.266 C	23.823	1436.7
49.25	49.88	29.606 E	-1.268 C	23.824	1436.7
49.50	50.09	29.607 E	-1.269 C	23.824	1436.7
49.75	50.30	29.606 E	-1.270 C	23.824	1436.7
50.00	50.57	29.606 E	-1.271 C	23.824	1436.7
50.25	50.81	29.606 E	-1.273 C	23.824	1436.7
50.50	51.07	29.607 E	-1.274 C	23.824	1436.7
50.75	51.36	29.604 E	-1.275 C	23.822	1436.7
51.00	51.59	29.605 E	-1.276 C	23.823	1436.7
51.25	51.89	29.604 E	-1.278 C	23.822	1436.7
51.50	52.10	29.606 E	-1.279 C	23.824	1436.7
51.75	52.33	29.604 E	-1.280 C	23.822	1436.7
52.00	52.58	29.605 E	-1.282 C	23.823	1436.7
52.25	52.92	29.603 E	-1.283 C	23.821	1436.7
52.50	53.13	29.605 E	-1.284 C	23.823	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.25	53.35	29.603 F	-1.286 C	23.821	1436.6
53.25	53.68	29.604 F	-1.287 C	23.822	1436.6
53.25	53.80	29.604 F	-1.288 C	23.822	1436.6
53.50	54.13	29.604 F	-1.289 C	23.822	1436.6
53.75	54.40	29.603 F	-1.291 C	23.821	1436.6
54.00	54.64	29.604 F	-1.293 C	23.822	1436.6
54.25	54.92	29.605 F	-1.294 C	23.823	1436.6
54.50	55.14	29.604 F	-1.295 C	23.822	1436.6
54.75	55.42	29.603 F	-1.297 C	23.822	1436.6
55.00	55.70	29.603 F	-1.298 C	23.822	1436.6
55.25	55.88	29.605 F	-1.299 C	23.823	1436.6
55.50	56.23	29.602 F	-1.299 C	23.821	1436.6
55.75	56.39	29.601 F	-1.300 C	23.820	1436.6
56.00	56.69	29.605 F	-1.302 C	23.823	1436.6
56.25	56.99	29.603 F	-1.302 C	23.822	1436.6
56.50	57.17	29.602 F	-1.303 C	23.821	1436.6
56.75	57.41	29.602 F	-1.303 C	23.821	1436.6

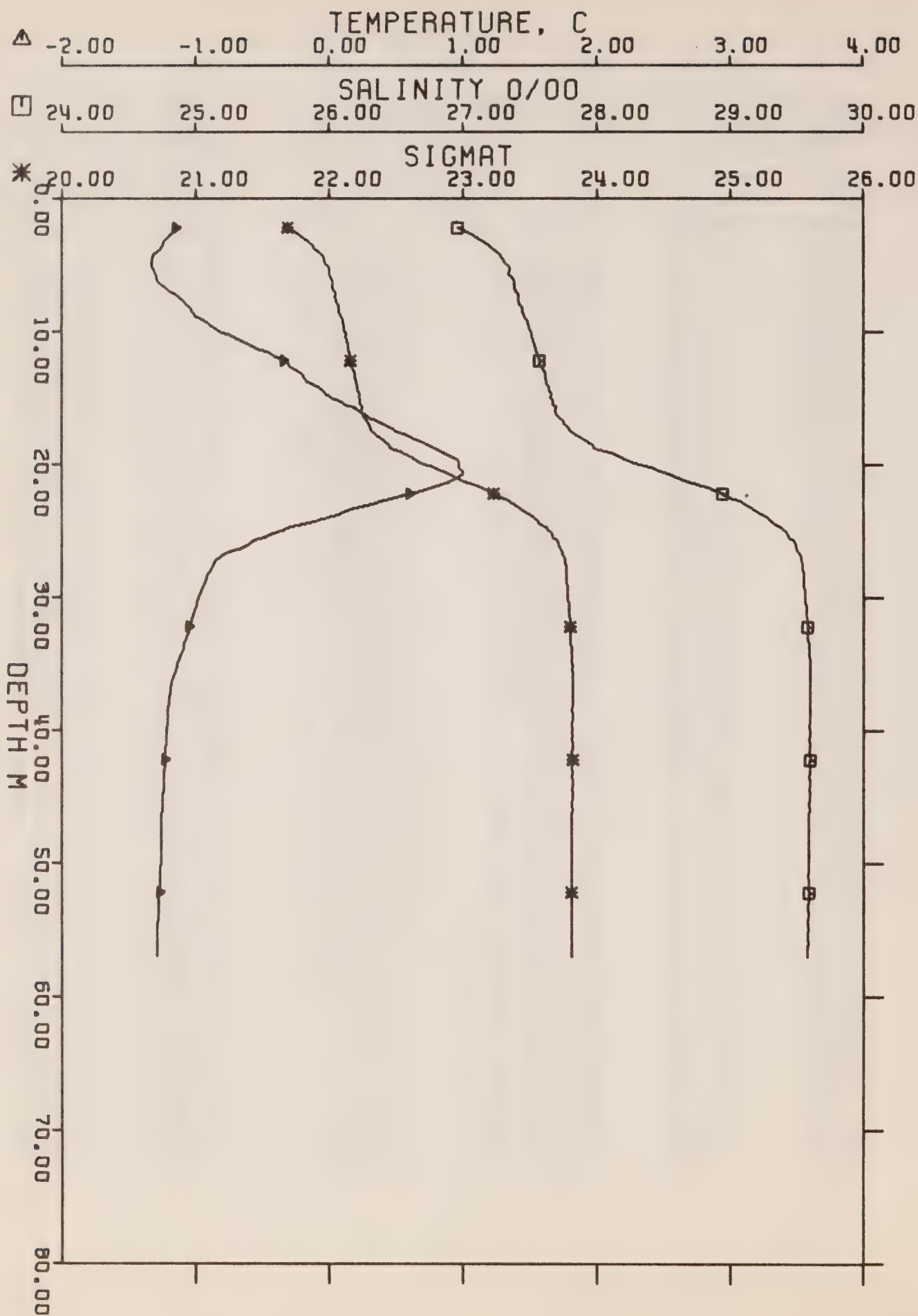
EXPERIMENT 445



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 445
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 201071 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.50	2.68	26.550 E	-1.014 D	21.351	1432.9
3.50	3.79	26.986 E	-1.083 D	21.704	1433.2
4.50	4.76	27.210 E	-1.055 D	21.884	1433.6
5.50	5.73	27.324 E	-1.048 D	21.976	1433.8
6.50	6.73	27.399 E	-0.978 D	22.036	1434.3
7.50	7.74	27.446 F	-0.912 D	22.073	1434.7
8.50	8.75	27.494 F	-0.811 E	22.110	1435.2
9.50	9.78	27.537 F	-0.703 E	22.143	1435.8
10.50	10.80	27.574 F	-0.618 E	22.171	1436.3
11.50	11.84	27.605 F	-0.473 E	22.193	1437.0
12.50	12.83	27.628 F	-0.356 E	22.209	1437.6
13.50	13.86	27.654 F	-0.269 E	22.228	1438.1
14.50	14.86	27.675 F	-0.234 E	22.244	1438.3
15.50	15.85	27.707 F	-0.109 D	22.266	1438.9
16.50	16.80	27.742 F	0.010 D	22.291	1439.6
17.50	17.89	27.795 F	0.194 D	22.328	1440.5
18.50	18.89	27.854 F	0.401 D	22.368	1441.6
19.50	19.94	27.963 G	0.706 D	22.444	1443.1
20.50	20.91	28.130 G	0.948 F	22.568	1444.5
21.50	21.90	28.380 F	1.025 F	22.765	1445.2
22.50	22.90	28.663 F	0.843 F	23.000	1444.8
23.50	23.97	28.947 F	0.470 C	23.243	1443.5
24.50	24.90	29.181 F	0.040 C	23.447	1441.8
25.50	25.99	29.352 F	-0.308 D	23.596	1440.4
26.50	27.02	29.453 F	-0.539 D	23.684	1439.5
27.50	27.96	29.511 F	-0.683 C	23.734	1438.9
28.50	29.03	29.543 E	-0.803 C	23.763	1438.4
29.50	30.00	29.566 E	-0.885 C	23.784	1438.1
30.50	31.01	29.581 E	-0.950 C	23.797	1437.8
31.50	32.00	29.590 E	-0.996 C	23.805	1437.6
32.50	33.06	29.595 E	-1.035 C	23.810	1437.5
33.50	34.10	29.599 E	-1.065 C	23.814	1437.4
34.50	35.11	29.602 E	-1.089 C	23.817	1437.3
35.50	36.13	29.606 E	-1.110 C	23.821	1437.2
36.50	37.04	29.611 E	-1.129 C	23.825	1437.1
37.50	38.14	29.615 E	-1.149 C	23.829	1437.1
38.50	39.16	29.618 E	-1.164 C	23.831	1437.0
39.50	40.13	29.617 E	-1.177 C	23.831	1437.0
40.50	41.20	29.616 E	-1.187 C	23.830	1436.9
41.50	42.14	29.615 E	-1.200 C	23.830	1436.9
42.50	43.21	29.614 E	-1.215 C	23.829	1436.8
43.50	44.20	29.613 E	-1.229 C	23.829	1436.8
44.50	45.26	29.612 E	-1.240 C	23.828	1436.7
45.50	46.22	29.610 E	-1.248 C	23.826	1436.7
46.50	47.23	29.609 E	-1.256 C	23.826	1436.7
47.50	48.20	29.608 E	-1.260 C	23.825	1436.7
48.50	49.28	29.607 E	-1.264 C	23.824	1436.7
49.50	50.25	29.606 E	-1.268 C	23.824	1436.7
50.50	51.25	29.605 E	-1.272 C	23.823	1436.7
51.50	52.27	29.603 E	-1.277 C	23.821	1436.7
52.50	53.28	29.602 E	-1.284 C	23.821	1436.7
53.50	54.36	29.601 E	-1.291 C	23.820	1436.6
54.50	55.27	29.600 E	-1.296 C	23.819	1436.6
55.50	56.29	29.600 E	-1.299 C	23.819	1436.6
56.50	57.30	29.599 E	-1.300 C	23.818	1436.6

EXPERIMENT 446



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 446
 LAT. N69 05.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 211071 LOCAL TIME 1030

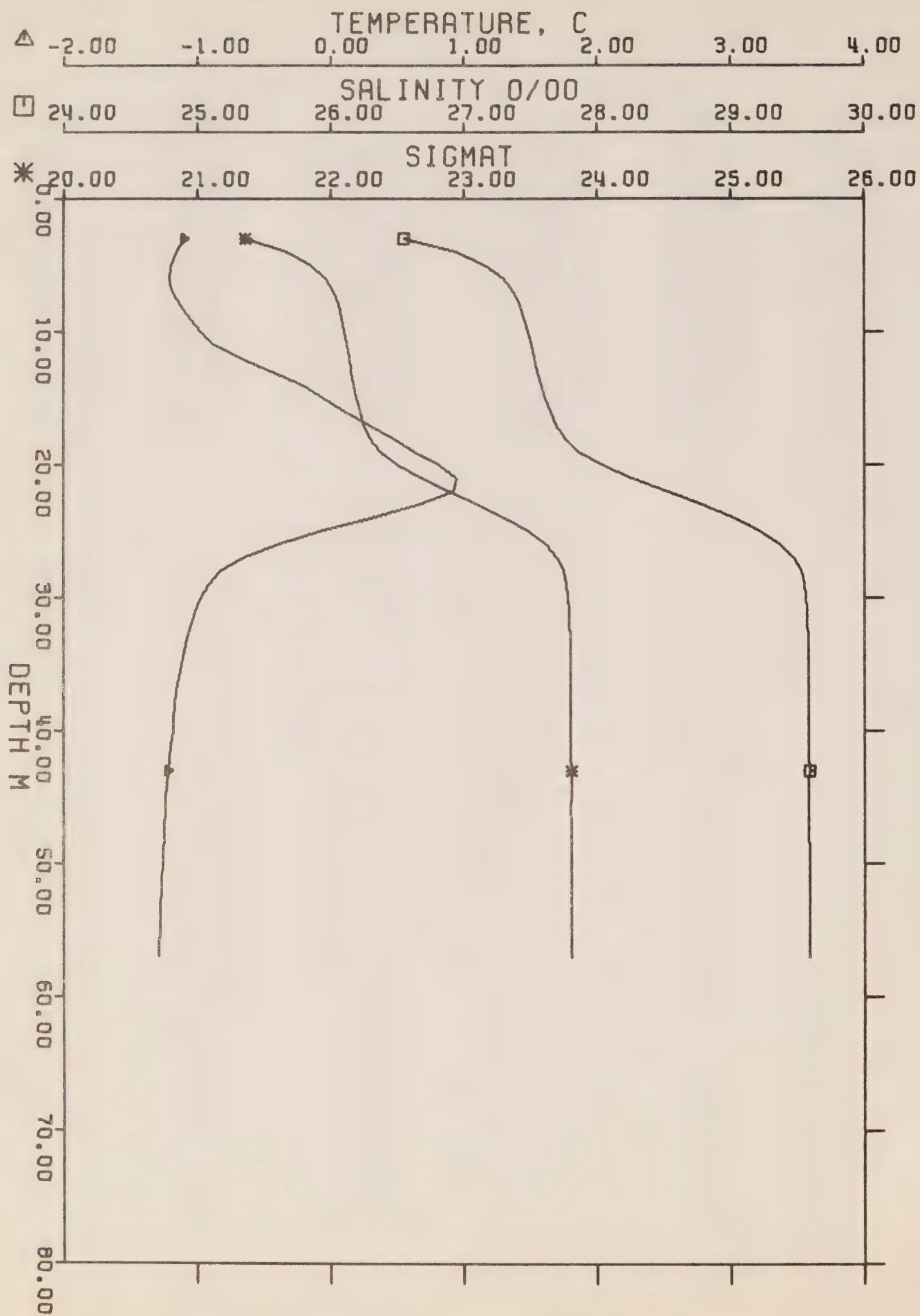
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.25	2.31	26.962 E	-1.153 D	21.685	1432.8
2.50	2.54	27.027 E	-1.173 D	21.738	1432.8
2.75	2.77	27.072 E	-1.190 D	21.775	1432.8
3.00	3.03	27.112 E	-1.218 D	21.807	1432.7
3.25	3.27	27.153 E	-1.242 D	21.840	1432.6
3.50	3.48	27.192 E	-1.253 D	21.872	1432.6
3.75	3.82	27.218 E	-1.269 D	21.893	1432.6
4.00	4.01	27.247 E	-1.294 D	21.917	1432.5
4.25	4.24	27.274 F	-1.322 F	21.939	1432.4
4.50	4.48	27.294 F	-1.330 F	21.955	1432.4
4.75	4.77	27.305 F	-1.332 F	21.964	1432.4
5.00	5.05	27.328 F	-1.333 F	21.983	1432.5
5.25	5.33	27.346 F	-1.324 F	21.997	1432.5
5.50	5.50	27.347 F	-1.304 F	21.998	1432.6
5.75	5.76	27.345 F	-1.295 F	21.996	1432.7
6.00	6.00	27.366 F	-1.289 F	22.013	1432.7
6.25	6.33	27.381 F	-1.275 E	22.025	1432.8
6.50	6.58	27.384 F	-1.246 E	22.027	1433.0
6.75	6.75	27.380 F	-1.222 E	22.024	1433.1
7.00	7.13	27.395 F	-1.193 F	22.035	1433.3
7.25	7.33	27.408 F	-1.155 F	22.046	1433.5
7.50	7.52	27.418 F	-1.112 F	22.045	1433.7
7.75	7.86	27.411 F	-1.086 F	22.047	1433.8
8.00	8.02	27.422 F	-1.060 E	22.056	1433.9
8.25	8.33	27.440 F	-1.041 E	22.070	1434.1
8.50	8.54	27.440 F	-1.018 E	22.070	1434.2
8.75	8.79	27.451 F	-0.996 E	22.078	1434.3
9.00	9.05	27.462 F	-0.968 E	22.087	1434.5
9.25	9.30	27.481 F	-0.927 E	22.101	1434.7
9.50	9.57	27.476 F	-0.890 E	22.097	1434.9
9.75	9.83	27.489 F	-0.858 E	22.107	1435.0
10.00	10.11	27.499 F	-0.820 E	22.114	1435.2
10.25	10.35	27.514 F	-0.760 E	22.125	1435.5
10.50	10.62	27.514 F	-0.700 E	22.124	1435.8
10.75	10.81	27.522 F	-0.655 E	22.130	1436.0
11.00	11.05	27.533 F	-0.602 E	22.138	1436.3
11.25	11.33	27.539 F	-0.535 E	22.141	1436.6
11.50	11.58	27.545 F	-0.474 E	22.145	1436.9
11.75	11.84	27.554 F	-0.433 E	22.151	1437.2
12.00	12.09	27.564 F	-0.384 E	22.158	1437.4
12.25	12.36	27.568 F	-0.339 E	22.160	1437.6
12.50	12.59	27.573 F	-0.301 E	22.163	1437.8
12.75	12.88	27.587 F	-0.276 E	22.174	1438.0
13.00	13.14	27.599 F	-0.230 E	22.182	1438.2
13.25	13.38	27.606 F	-0.200 E	22.187	1438.3
13.50	13.59	27.606 F	-0.176 E	22.187	1438.5
13.75	13.80	27.622 F	-0.155 E	22.199	1438.6
14.00	14.06	27.622 F	-0.122 E	22.198	1438.7
14.25	14.33	27.640 F	-0.072 F	22.211	1439.0
14.50	14.56	27.638 F	-0.041 F	22.209	1439.1
14.75	14.89	27.660 F	-0.020 F	22.226	1439.3
15.00	15.08	27.650 F	0.016 F	22.217	1439.4
15.25	15.38	27.669 F	0.076 E	22.230	1439.7
15.50	15.61	27.672 F	0.121 E	22.231	1440.0
15.75	15.85	27.698 F	0.192 E	22.250	1440.3
16.00	16.08	27.685 F	0.231 E	22.238	1440.5
16.25	16.42	27.703 F	0.278 E	22.251	1440.7
16.50	16.71	27.716 F	0.302 F	22.261	1440.9
16.75	16.87	27.743 F	0.358 F	22.280	1441.2
17.00	17.12	27.758 F	0.413 E	22.291	1441.5
17.25	17.42	27.778 F	0.465 E	22.305	1441.7
17.50	17.53	27.800 F	0.498 E	22.321	1441.9
17.75	17.90	27.828 F	0.562 E	22.341	1442.3

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
13.00	13.11	27.876 F	0.618 F	22.378	1442.6
13.25	13.39	27.919 G	0.673 F	22.410	1442.9
13.50	13.74	27.959 G	0.744 E	22.439	1443.3
13.75	13.87	27.934 G	0.788 E	22.458	1443.5
13.00	13.20	28.058 G	0.827 E	22.515	1443.8
13.25	13.50	28.126 G	0.874 F	22.568	1444.1
13.50	13.70	28.190 G	0.939 F	22.616	1444.5
13.75	13.97	28.234 G	0.969 F	22.650	1444.7
20.00	20.19	28.314 G	0.974 F	22.714	1444.8
20.25	20.46	28.398 F	0.969 F	22.782	1444.9
20.50	20.67	28.474 F	1.000 F	22.841	1445.2
20.75	20.97	28.532 F	1.001 F	22.888	1445.3
21.00	21.27	28.603 F	0.957 F	22.947	1445.2
21.25	21.44	28.634 F	0.897 E	23.014	1445.0
21.50	21.71	28.755 F	0.840 E	23.074	1444.9
21.75	21.93	28.826 F	0.778 E	23.133	1444.7
22.00	22.28	28.881 F	0.691 E	23.181	1444.4
22.25	22.45	28.939 F	0.599 E	23.232	1444.0
22.50	22.72	28.994 F	0.499 E	23.280	1443.6
22.75	22.96	29.067 F	0.415 E	23.342	1443.4
23.00	23.28	29.110 F	0.322 E	23.380	1443.0
23.25	23.47	29.147 F	0.232 E	23.413	1442.6
23.50	23.77	29.186 F	0.134 E	23.448	1442.2
23.75	24.05	29.248 F	0.060 E	23.500	1442.0
24.00	24.27	29.279 F	-0.006 E	23.528	1441.7
24.25	24.47	29.298 F	-0.080 E	23.545	1441.4
24.50	24.76	29.327 F	-0.193 E	23.572	1440.9
24.75	24.95	29.379 F	-0.289 E	23.617	1440.6
25.00	25.26	29.409 F	-0.356 E	23.643	1440.3
25.25	25.57	29.422 F	-0.418 E	23.656	1440.0
25.50	25.76	29.442 F	-0.493 E	23.674	1439.7
25.75	25.97	29.470 F	-0.556 E	23.698	1439.5
26.00	26.33	29.486 F	-0.604 E	23.712	1439.3
26.25	26.54	29.493 F	-0.653 E	23.719	1439.0
26.50	26.77	29.505 F	-0.721 E	23.731	1438.7
26.75	27.07	29.519 F	-0.779 E	23.743	1438.5
27.00	27.22	29.530 F	-0.819 E	23.753	1438.3
27.25	27.61	29.535 F	-0.847 E	23.758	1438.2
27.50	27.75	29.540 F	-0.869 E	23.762	1438.1
27.75	28.02	29.544 F	-0.882 E	23.766	1438.1
28.00	28.32	29.545 F	-0.894 E	23.767	1438.0
28.25	28.52	29.546 F	-0.905 E	23.768	1438.0
28.50	28.78	29.549 F	-0.917 E	23.771	1437.9
28.75	29.03	29.552 F	-0.928 E	23.773	1437.9
29.00	29.26	29.553 F	-0.940 F	23.774	1437.8
29.25	29.60	29.554 F	-0.952 C	23.775	1437.8
29.50	29.79	29.558 E	-0.964 C	23.779	1437.7
29.75	30.02	29.562 E	-0.971 C	23.782	1437.7
30.00	30.29	29.561 E	-0.977 C	23.782	1437.7
30.25	30.64	29.562 E	-0.985 C	23.783	1437.6
30.50	30.82	29.565 E	-0.994 C	23.785	1437.6
30.75	31.03	29.569 E	-1.000 C	23.789	1437.6
31.00	31.32	29.569 E	-1.008 C	23.789	1437.6
31.25	31.58	29.569 E	-1.017 C	23.789	1437.5
31.50	31.89	29.573 E	-1.026 C	23.792	1437.5
31.75	32.14	29.577 E	-1.032 C	23.796	1437.5
32.00	32.35	29.577 E	-1.039 C	23.796	1437.4
32.25	32.62	29.577 E	-1.046 C	23.796	1437.4
32.50	32.83	29.579 E	-1.055 C	23.798	1437.4
32.75	33.10	29.583 E	-1.063 C	23.801	1437.3
33.00	33.38	29.585 E	-1.070 C	23.803	1437.3
33.25	33.58	29.584 E	-1.078 C	23.802	1437.3
33.50	33.84	29.586 E	-1.086 C	23.804	1437.2
33.75	34.16	29.590 E	-1.094 C	23.807	1437.2
34.00	34.45	29.591 E	-1.103 C	23.808	1437.2
34.25	34.60	29.592 E	-1.111 C	23.809	1437.2
34.50	34.83	29.593 E	-1.120 C	23.810	1437.1
34.75	35.14	29.597 E	-1.129 C	23.814	1437.1
35.00	35.39	29.597 E	-1.137 C	23.814	1437.0
35.25	35.61	29.599 E	-1.145 C	23.816	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.50	35.84	29.597 E	-1.152 C	23.814	1437.0
35.75	36.16	29.601 E	-1.161 C	23.818	1437.0
36.00	36.39	29.600 E	-1.169 C	23.817	1436.9
36.25	36.67	29.602 E	-1.176 C	23.819	1436.9
36.50	36.91	29.599 E	-1.181 C	23.816	1436.9
36.75	37.14	29.602 E	-1.186 C	23.819	1436.9
37.00	37.41	29.600 E	-1.191 C	23.817	1436.8
37.25	37.66	29.602 E	-1.195 C	23.819	1436.8
37.50	37.91	29.597 E	-1.198 C	23.815	1436.8
37.75	38.23	29.599 E	-1.201 C	23.817	1436.8
38.00	38.45	29.599 E	-1.205 C	23.817	1436.8
38.25	38.69	29.599 E	-1.206 C	23.817	1436.8
38.50	38.89	29.595 E	-1.208 C	23.814	1436.8
38.75	39.19	29.597 E	-1.209 C	23.815	1436.8
39.00	39.50	29.597 E	-1.212 C	23.815	1436.8
39.25	39.71	29.597 E	-1.213 C	23.815	1436.8
39.50	39.96	29.596 E	-1.214 C	23.814	1436.8
39.75	40.17	29.595 E	-1.216 C	23.814	1436.7
40.00	40.44	29.598 E	-1.219 C	23.816	1436.7
40.25	40.70	29.596 E	-1.220 C	23.815	1436.7
40.50	40.99	29.597 E	-1.221 C	23.815	1436.7
40.75	41.19	29.595 E	-1.222 C	23.814	1436.7
41.00	41.46	29.597 E	-1.225 C	23.815	1436.7
41.25	41.71	29.597 E	-1.226 C	23.816	1436.7
41.50	42.02	29.597 E	-1.227 C	23.816	1436.7
41.75	42.24	29.595 E	-1.228 C	23.814	1436.7
42.00	42.45	29.596 E	-1.230 C	23.815	1436.7
42.25	42.77	29.598 E	-1.231 C	23.816	1436.7
42.50	42.99	29.595 E	-1.233 C	23.814	1436.7
42.75	43.22	29.596 E	-1.234 C	23.815	1436.7
43.00	43.48	29.596 E	-1.236 C	23.815	1436.7
43.25	43.72	29.599 E	-1.237 C	23.817	1436.7
43.50	43.99	29.594 E	-1.239 C	23.813	1436.7
43.75	44.19	29.597 E	-1.240 C	23.816	1436.7
44.00	44.50	29.597 E	-1.241 C	23.816	1436.7
44.25	44.76	29.599 E	-1.243 C	23.817	1436.7
44.50	45.03	29.594 E	-1.245 C	23.813	1436.7
44.75	45.26	29.596 E	-1.247 C	23.815	1436.7
45.00	45.57	29.598 E	-1.249 C	23.817	1436.7
45.25	45.76	29.597 E	-1.250 C	23.816	1436.7
45.50	46.03	29.594 E	-1.253 C	23.814	1436.7
45.75	46.32	29.594 E	-1.254 C	23.814	1436.7
46.00	46.58	29.597 E	-1.255 C	23.816	1436.7
46.25	46.76	29.593 E	-1.256 C	23.813	1436.7
46.50	46.98	29.593 E	-1.257 C	23.813	1436.7
46.75	47.23	29.591 E	-1.259 C	23.811	1436.7
47.00	47.51	29.594 E	-1.259 C	23.814	1436.7
47.25	47.82	29.590 E	-1.260 C	23.810	1436.7
47.50	48.04	29.591 E	-1.260 C	23.811	1436.7
47.75	48.28	29.589 E	-1.261 C	23.810	1436.7
48.00	48.50	29.591 E	-1.261 C	23.811	1436.7
48.25	48.76	29.589 E	-1.261 C	23.810	1436.7
48.50	49.10	29.588 E	-1.262 C	23.809	1436.7
48.75	49.35	29.587 E	-1.262 C	23.808	1436.7
49.00	49.59	29.588 E	-1.263 C	23.809	1436.7
49.25	49.73	29.589 E	-1.263 C	23.810	1436.7
49.50	50.03	29.588 E	-1.264 C	23.809	1436.7
49.75	50.29	29.587 E	-1.264 C	23.808	1436.7
50.00	50.63	29.586 E	-1.265 C	23.807	1436.7
50.25	50.93	29.590 E	-1.266 C	23.811	1436.7
50.50	51.08	29.588 E	-1.267 C	23.809	1436.7
50.75	51.38	29.588 E	-1.267 C	23.809	1436.7
51.00	51.56	29.584 E	-1.269 C	23.806	1436.7
51.25	51.84	29.588 E	-1.270 C	23.809	1436.7
51.50	52.12	29.588 E	-1.271 C	23.809	1436.7
51.75	52.34	29.588 E	-1.272 C	23.809	1436.7
52.00	52.57	29.535 E	-1.273 C	23.807	1436.7
52.25	52.83	29.586 E	-1.275 C	23.807	1436.7
52.50	53.05	29.587 E	-1.276 C	23.808	1436.7
52.75	53.38	29.588 E	-1.277 C	23.809	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
53.00	53.60	29.586 E	-1.278 C	23.808	1436.7
53.25	53.86	29.584 E	-1.279 C	23.806	1436.7
53.50	54.13	29.585 E	-1.280 C	23.807	1436.7
53.75	54.39	29.586 E	-1.281 C	23.808	1436.7
54.00	54.61	29.587 E	-1.283 C	23.808	1436.7
54.25	54.88	29.583 E	-1.284 C	23.805	1436.7
54.50	55.10	29.584 E	-1.286 C	23.806	1436.6
54.75	55.44	29.585 E	-1.287 C	23.807	1436.6
55.00	55.70	29.586 E	-1.288 C	23.808	1436.6
55.25	55.84	29.584 E	-1.289 C	23.806	1436.6
55.50	56.10	29.583 E	-1.290 C	23.805	1436.6
55.75	56.42	29.583 E	-1.290 C	23.805	1436.6
56.00	56.70	29.536 F	-1.292 C	23.808	1436.6
56.25	56.88	29.535 E	-1.293 C	23.807	1436.6
56.50	57.11	29.585 E	-1.294 C	23.807	1436.6
56.75	57.42	29.584 E	-1.294 C	23.806	1436.6
57.00	57.70	29.585 E	-1.295 C	23.807	1436.6

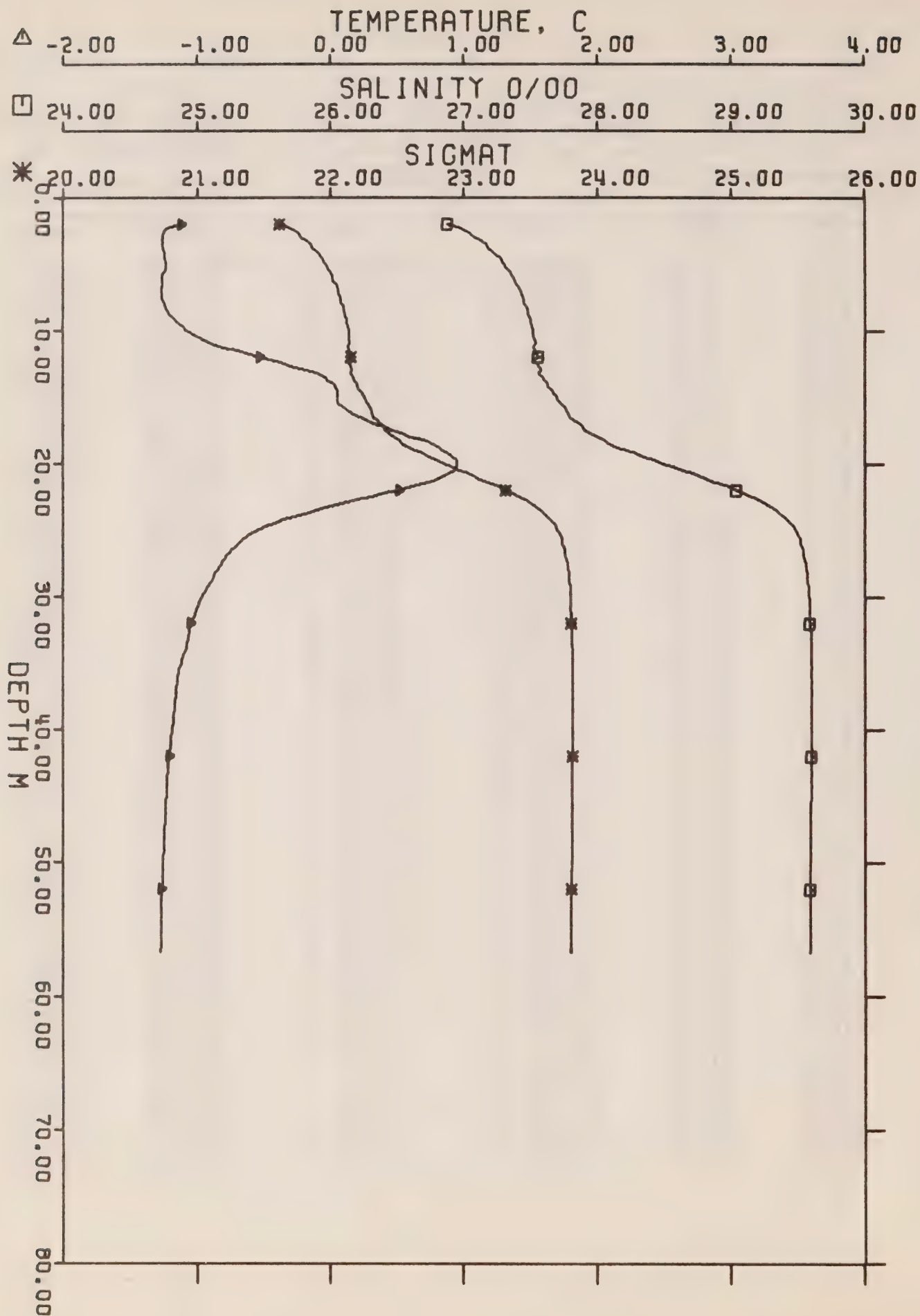
EXPERIMENT 447



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 447
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 221071 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	2.96	26.555 E	-1.099 E	21.356	1432.5
4.00	4.02	26.940 E	-1.159 E	21.668	1432.7
5.00	5.08	27.160 E	-1.205 E	21.846	1432.8
6.00	6.03	27.296 E	-1.209 E	21.956	1433.0
7.00	7.00	27.373 E	-1.182 E	22.018	1433.3
8.00	8.02	27.423 E	-1.121 E	22.057	1433.7
9.00	9.09	27.455 E	-1.049 E	22.082	1434.1
10.00	10.02	27.484 E	-0.969 E	22.104	1434.5
11.00	11.09	27.508 F	-0.867 E	22.122	1435.0
12.00	12.06	27.532 F	-0.668 E	22.138	1436.0
13.00	13.11	27.550 F	-0.436 C	22.148	1437.2
14.00	14.10	27.579 F	-0.208 C	22.166	1438.3
15.00	15.11	27.613 F	-0.051 C	22.189	1439.1
16.00	16.10	27.655 F	0.115 C	22.218	1439.9
17.00	17.15	27.695 F	0.290 C	22.244	1440.8
18.00	18.15	27.756 F	0.469 C	22.287	1441.7
19.00	19.13	27.862 G	0.628 C	22.366	1442.6
20.00	20.16	28.036 G	0.822 C	22.498	1443.8
21.00	21.26	28.265 F	0.947 F	22.676	1444.7
22.00	22.17	28.528 F	0.923 F	22.888	1444.9
23.00	23.22	28.788 E	0.654 E	23.108	1444.1
24.00	24.27	29.028 E	0.297 E	23.315	1442.8
25.00	25.19	29.223 F	-0.086 E	23.485	1441.3
26.00	26.26	29.373 F	-0.410 E	23.616	1440.0
27.00	27.25	29.471 F	-0.670 E	23.702	1438.9
28.00	28.20	29.527 F	-0.835 E	23.751	1438.3
29.00	29.27	29.551 E	-0.923 C	23.772	1437.9
30.00	30.36	29.561 E	-0.980 C	23.782	1437.7
31.00	31.33	29.569 E	-1.020 C	23.789	1437.5
32.00	32.34	29.573 E	-1.050 C	23.793	1437.4
33.00	33.38	29.576 E	-1.076 C	23.796	1437.3
34.00	34.32	29.578 E	-1.100 C	23.798	1437.2
35.00	35.38	29.580 E	-1.121 C	23.800	1437.1
36.00	36.36	29.582 E	-1.141 C	23.802	1437.0
37.00	37.37	29.582 E	-1.160 C	23.802	1437.0
38.00	38.40	29.582 E	-1.172 C	23.802	1436.9
39.00	39.44	29.581 E	-1.179 C	23.802	1436.9
40.00	40.40	29.581 E	-1.185 C	23.802	1436.9
41.00	41.43	29.582 E	-1.197 C	23.803	1436.8
42.00	42.46	29.584 E	-1.210 C	23.805	1436.8
43.00	43.49	29.586 E	-1.225 C	23.807	1436.7
44.00	44.46	29.585 E	-1.234 C	23.806	1436.7
45.00	45.45	29.584 E	-1.240 C	23.805	1436.7
46.00	46.49	29.583 E	-1.244 C	23.805	1436.7
47.00	47.47	29.584 E	-1.247 C	23.805	1436.7
48.00	48.54	29.585 E	-1.251 C	23.806	1436.7
49.00	49.54	29.587 E	-1.256 C	23.808	1436.7
50.00	50.50	29.587 E	-1.261 C	23.808	1436.7
51.00	51.59	29.588 E	-1.266 C	23.809	1436.7
52.00	52.51	29.587 E	-1.271 C	23.808	1436.7
53.00	53.59	29.588 E	-1.276 C	23.809	1436.7
54.00	54.53	29.588 E	-1.280 C	23.809	1436.7
55.00	55.60	29.590 E	-1.284 C	23.811	1436.7
56.00	56.63	29.590 E	-1.287 C	23.811	1436.7
57.00	57.68	29.588 E	-1.291 C	23.809	1436.7

EXPERIMENT 448



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 448
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 231071 LOCAL TIME 1030

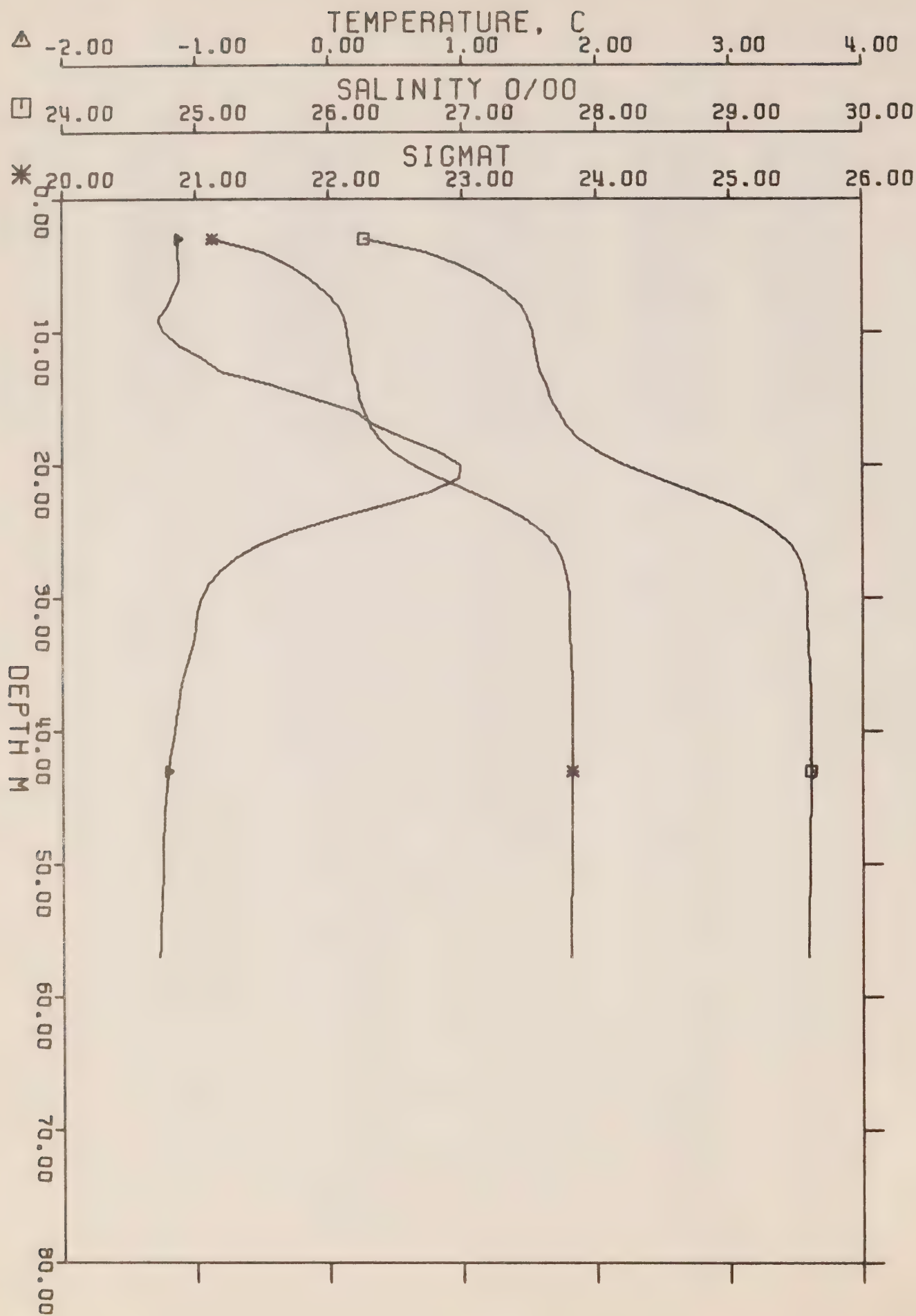
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.15	26.885 F	-1.122 F	21.623	1432.8
2.25	2.37	26.957 F	-1.208 F	21.682	1432.5
2.50	2.61	27.023 F	-1.247 F	21.735	1432.4
2.75	2.93	27.048 F	-1.259 F	21.756	1432.4
3.00	3.16	27.034 F	-1.257 F	21.785	1432.5
3.25	3.37	27.131 E	-1.263 E	21.823	1432.5
3.50	3.62	27.170 E	-1.263 E	21.854	1432.6
3.75	3.88	27.180 E	-1.246 F	21.862	1432.7
4.00	4.18	27.209 F	-1.238 F	21.886	1432.7
4.25	4.42	27.235 F	-1.242 F	21.907	1432.8
4.50	4.65	27.268 E	-1.236 E	21.933	1432.8
4.75	4.95	27.279 E	-1.230 E	21.942	1432.9
5.00	5.16	27.303 E	-1.231 E	21.962	1432.9
5.25	5.46	27.315 E	-1.235 E	21.971	1432.9
5.50	5.67	27.340 E	-1.241 E	21.992	1432.9
5.75	6.01	27.355 E	-1.257 E	22.004	1432.9
6.00	6.24	27.370 F	-1.263 F	22.016	1432.9
6.25	6.45	27.376 F	-1.262 F	22.021	1432.9
6.50	6.70	27.394 F	-1.259 F	22.035	1432.9
6.75	6.97	27.410 F	-1.270 F	22.048	1432.9
7.00	7.24	27.419 E	-1.268 F	22.056	1432.9
7.25	7.47	27.430 E	-1.261 F	22.064	1433.0
7.50	7.72	27.438 E	-1.257 F	22.071	1433.0
7.75	7.88	27.449 E	-1.251 F	22.080	1433.1
8.00	8.15	27.455 E	-1.243 E	22.084	1433.1
8.25	8.41	27.473 E	-1.235 E	22.099	1433.2
8.50	8.69	27.475 E	-1.222 F	22.101	1433.3
8.75	8.91	27.484 E	-1.199 F	22.107	1433.4
9.00	9.23	27.492 E	-1.185 F	22.114	1433.5
9.25	9.39	27.511 E	-1.164 E	22.129	1433.6
9.50	9.73	27.505 E	-1.133 E	22.124	1433.7
9.75	9.98	27.508 E	-1.099 E	22.126	1433.9
10.00	10.19	27.522 E	-1.076 E	22.137	1434.0
10.25	10.46	27.522 E	-1.044 E	22.136	1434.2
10.50	10.75	27.523 E	-0.992 E	22.136	1434.5
10.75	10.98	27.530 E	-0.938 E	22.141	1434.7
11.00	11.30	27.548 E	-0.887 F	22.155	1435.0
11.25	11.49	27.523 F	-0.800 F	22.133	1435.4
11.50	11.69	27.528 F	-0.688 E	22.135	1435.9
11.75	11.99	27.533 F	-0.631 E	22.142	1436.2
12.00	12.30	27.563 F	-0.525 F	22.160	1436.7
12.25	12.45	27.522 F	-0.436 F	22.125	1437.1
12.50	12.76	27.547 F	-0.337 E	22.143	1437.6
12.75	13.07	27.562 F	-0.288 E	22.154	1437.9
13.00	13.30	27.588 F	-0.184 F	22.172	1438.4
13.25	13.53	27.564 E	-0.097 F	22.151	1438.8
13.50	13.79	27.593 E	-0.027 E	22.172	1439.1
13.75	13.98	27.609 E	-0.013 E	22.184	1439.2
14.00	14.27	27.633 E	0.045 E	22.202	1439.5
14.25	14.57	27.626 E	0.049 E	22.196	1439.5
14.50	14.78	27.662 E	0.058 F	22.225	1439.6
14.75	14.98	27.675 F	0.064 F	22.235	1439.7
15.00	15.23	27.696 E	0.064 F	22.252	1439.7
15.25	15.51	27.704 F	0.057 F	22.259	1439.7
15.50	15.76	27.729 E	0.071 E	22.278	1439.8
15.75	15.98	27.750 E	0.101 E	22.294	1440.0
16.00	16.32	27.773 E	0.145 F	22.312	1440.2
16.25	16.49	27.777 F	0.180 F	22.314	1440.4
16.50	16.75	27.793 F	0.235 E	22.325	1440.7
16.75	17.07	27.825 F	0.278 F	22.349	1440.9
17.00	17.29	27.866 F	0.332 F	22.380	1441.2
17.25	17.53	27.890 F	0.409 E	22.397	1441.6
17.50	17.79	27.904 F	0.481 E	22.405	1442.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	13.08	27.954 F	0.538 F	22.447	1442.3
18.00	13.34	28.009 F	0.613 F	22.485	1442.7
18.25	13.59	28.054 F	0.706 F	22.517	1443.2
18.50	13.81	28.085 F	0.785 F	22.539	1443.6
18.75	14.07	28.150 F	0.829 F	22.589	1443.9
19.00	14.34	28.219 F	0.853 F	22.643	1444.1
19.25	14.58	28.287 F	0.892 F	22.696	1444.4
19.50	14.95	28.346 F	0.931 F	22.742	1444.7
19.75	20.11	28.418 F	0.962 F	22.798	1444.9
20.00	20.36	28.487 F	0.965 F	22.853	1445.0
20.25	20.53	28.560 F	0.953 F	22.912	1445.1
20.50	20.81	28.636 F	0.927 F	22.974	1445.1
20.75	21.13	28.712 F	0.896 F	23.037	1445.0
21.00	21.38	28.780 F	0.843 F	23.094	1444.9
21.25	21.61	28.848 E	0.772 D	23.151	1444.7
21.50	21.85	28.921 E	0.698 D	23.213	1444.4
21.75	22.15	28.987 E	0.616 D	23.269	1444.2
22.00	22.40	29.045 E	0.519 D	23.320	1443.8
22.25	22.58	29.101 E	0.414 D	23.369	1443.4
22.50	22.89	29.160 E	0.306 D	23.421	1443.0
22.75	23.14	29.213 E	0.197 D	23.467	1442.6
23.00	23.36	29.257 F	0.092 D	23.506	1442.1
23.25	23.61	29.296 F	-0.004 D	23.541	1441.7
23.50	23.85	29.336 F	-0.095 D	23.576	1441.4
23.75	24.09	29.369 F	-0.185 D	23.606	1441.0
24.00	24.39	29.396 F	-0.275 D	23.630	1440.6
24.25	24.63	29.420 F	-0.352 E	23.652	1440.3
24.50	24.85	29.447 F	-0.424 F	23.676	1440.0
24.75	25.12	29.466 F	-0.488 F	23.693	1439.8
25.00	25.45	29.479 F	-0.541 F	23.705	1439.5
25.25	25.63	29.493 F	-0.589 E	23.718	1439.3
25.50	25.92	29.508 F	-0.629 F	23.731	1439.2
25.75	26.20	29.516 F	-0.662 F	23.738	1439.0
26.00	26.41	29.522 F	-0.692 E	23.744	1438.9
26.25	26.70	29.532 E	-0.720 D	23.752	1438.8
26.50	26.88	29.540 F	-0.745 D	23.759	1438.7
26.75	27.13	29.542 E	-0.763 D	23.761	1438.6
27.00	27.46	29.544 E	-0.785 D	23.764	1438.5
27.25	27.62	29.555 E	-0.803 D	23.773	1438.4
27.50	27.97	29.559 F	-0.819 D	23.776	1438.4
27.75	28.20	29.558 E	-0.834 D	23.776	1438.3
28.00	28.43	29.560 E	-0.853 D	23.778	1438.2
28.25	28.67	29.571 E	-0.867 D	23.787	1438.2
28.50	28.94	29.574 E	-0.879 D	23.790	1438.1
28.75	29.19	29.572 E	-0.890 D	23.789	1438.1
29.00	29.47	29.571 E	-0.906 D	23.788	1438.0
29.25	29.70	29.582 F	-0.921 E	23.797	1438.0
29.50	29.98	29.584 E	-0.935 E	23.799	1437.9
29.75	30.17	29.582 E	-0.948 E	23.798	1437.8
30.00	30.45	29.581 E	-0.965 E	23.798	1437.8
30.25	30.76	29.590 E	-0.979 E	23.805	1437.7
30.50	30.97	29.592 E	-0.991 E	23.807	1437.7
30.75	31.20	29.590 E	-1.002 E	23.806	1437.6
31.00	31.43	29.588 E	-1.014 F	23.804	1437.6
31.25	31.72	29.593 E	-1.024 F	23.808	1437.5
31.50	31.90	29.594 E	-1.033 F	23.809	1437.5
31.75	32.19	29.593 F	-1.040 E	23.809	1437.4
32.00	32.47	29.592 E	-1.049 F	23.808	1437.4
32.25	32.76	29.594 E	-1.056 F	23.810	1437.4
32.50	33.03	29.595 F	-1.062 E	23.811	1437.4
32.75	33.21	29.596 F	-1.065 F	23.812	1437.4
33.00	33.53	29.596 E	-1.067 F	23.812	1437.3
33.25	33.77	29.597 E	-1.071 E	23.813	1437.3
33.50	34.03	29.596 E	-1.079 E	23.812	1437.3
33.75	34.24	29.599 E	-1.085 E	23.815	1437.3
34.00	34.54	29.600 F	-1.090 F	23.815	1437.3
34.25	34.81	29.602 E	-1.099 C	23.817	1437.2
34.50	35.04	29.602 F	-1.110 C	23.817	1437.2
34.75	35.33	29.603 E	-1.117 C	23.818	1437.2
35.00	35.59	29.604 E	-1.124 C	23.819	1437.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.71	29.606 F	-1.130 C	23.821	1437.1
35.50	36.01	29.607 F	-1.137 C	23.822	1437.1
35.75	36.23	29.605 F	-1.143 C	23.820	1437.0
36.00	36.56	29.605 F	-1.147 C	23.821	1437.0
36.25	36.77	29.607 F	-1.151 C	23.822	1437.0
36.50	37.02	29.609 F	-1.154 C	23.824	1437.0
36.75	37.29	29.604 F	-1.157 C	23.820	1437.0
37.00	37.57	29.606 F	-1.160 C	23.822	1437.0
37.25	37.76	29.606 F	-1.163 C	23.822	1437.0
37.50	38.04	29.608 F	-1.165 C	23.823	1437.0
37.75	38.28	29.603 F	-1.167 C	23.819	1437.0
38.00	38.55	29.606 F	-1.170 C	23.822	1437.0
38.25	38.81	29.605 F	-1.172 C	23.821	1436.9
38.50	39.11	29.604 F	-1.174 C	23.820	1436.9
38.75	39.30	29.603 F	-1.177 C	23.819	1436.9
39.00	39.54	29.605 F	-1.180 C	23.821	1436.9
39.25	39.79	29.604 F	-1.182 C	23.820	1436.9
39.50	40.00	29.603 F	-1.184 C	23.820	1436.9
39.75	40.32	29.604 F	-1.187 C	23.820	1436.9
40.00	40.59	29.605 F	-1.190 C	23.821	1436.9
40.25	40.86	29.604 F	-1.192 C	23.821	1436.9
40.50	41.10	29.604 F	-1.196 C	23.821	1436.9
40.75	41.30	29.605 F	-1.199 C	23.822	1436.9
41.00	41.65	29.605 F	-1.202 C	23.822	1436.9
41.25	41.88	29.604 F	-1.205 C	23.821	1436.8
41.50	42.09	29.606 F	-1.208 C	23.822	1436.8
41.75	42.39	29.606 F	-1.211 C	23.823	1436.8
42.00	42.65	29.604 F	-1.214 C	23.821	1436.8
42.25	42.81	29.605 F	-1.216 C	23.822	1436.8
42.50	43.10	29.605 F	-1.219 C	23.823	1436.8
42.75	43.40	29.605 F	-1.221 C	23.822	1436.8
43.00	43.61	29.604 F	-1.223 C	23.821	1436.8
43.25	43.82	29.606 F	-1.225 C	23.823	1436.8
43.50	44.13	29.606 F	-1.226 C	23.823	1436.8
43.75	44.35	29.604 F	-1.228 C	23.821	1436.8
44.00	44.66	29.602 F	-1.229 C	23.820	1436.8
44.25	44.90	29.606 F	-1.230 C	23.823	1436.8
44.50	45.11	29.605 F	-1.232 C	23.822	1436.8
44.75	45.44	29.603 F	-1.234 C	23.821	1436.8
45.00	45.60	29.601 F	-1.235 C	23.819	1436.8
45.25	45.87	29.606 F	-1.236 C	23.823	1436.8
45.50	46.20	29.604 F	-1.238 C	23.821	1436.8
45.75	46.38	29.602 F	-1.239 C	23.820	1436.8
46.00	46.67	29.600 F	-1.240 C	23.818	1436.7
46.25	46.88	29.603 F	-1.242 C	23.821	1436.7
46.50	47.18	29.602 F	-1.243 C	23.820	1436.7
46.75	47.40	29.600 F	-1.245 C	23.818	1436.7
47.00	47.71	29.599 F	-1.245 C	23.817	1436.7
47.25	47.94	29.601 F	-1.246 C	23.819	1436.7
47.50	48.15	29.600 F	-1.248 C	23.818	1436.7
47.75	48.44	29.598 F	-1.249 C	23.817	1436.7
48.00	48.64	29.598 F	-1.250 C	23.817	1436.7
48.25	49.00	29.598 F	-1.251 C	23.817	1436.7
48.50	49.24	29.599 F	-1.252 C	23.818	1436.7
48.75	49.42	29.596 F	-1.254 C	23.815	1436.7
49.00	49.71	29.598 F	-1.255 C	23.817	1436.7
49.25	49.98	29.596 F	-1.255 C	23.815	1436.7
49.50	50.23	29.597 F	-1.256 C	23.816	1436.7
49.75	50.52	29.596 F	-1.258 C	23.815	1436.7
50.00	50.73	29.597 F	-1.259 C	23.816	1436.7
50.25	51.00	29.595 F	-1.259 C	23.814	1436.7
50.50	51.18	29.596 F	-1.260 C	23.815	1436.7
50.75	51.49	29.595 F	-1.262 C	23.815	1436.7
51.00	51.75	29.595 F	-1.263 C	23.815	1436.7
51.25	51.99	29.595 F	-1.263 C	23.815	1436.7
51.50	52.22	29.595 F	-1.264 C	23.815	1436.7
51.75	52.49	29.594 F	-1.265 C	23.814	1436.7
52.00	52.78	29.593 F	-1.266 C	23.813	1436.7
52.25	52.99	29.594 F	-1.266 C	23.814	1436.7
52.50	53.22	29.592 F	-1.266 C	23.812	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.75	53.52	29.593 E	-1.267 C	23.813	1436.7
53.00	53.73	29.591 E	-1.268 C	23.811	1436.7
53.25	54.00	29.593 E	-1.268 C	23.813	1436.7
53.50	54.31	29.591 E	-1.268 C	23.811	1436.7
53.75	54.46	29.591 E	-1.268 C	23.811	1436.7
54.00	54.77	29.590 E	-1.269 C	23.811	1436.7
54.25	55.04	29.593 E	-1.269 C	23.813	1436.7
54.50	55.27	29.590 E	-1.269 C	23.811	1436.7
54.75	55.49	29.590 E	-1.269 C	23.811	1436.7
55.00	55.77	29.589 E	-1.270 C	23.810	1436.7
55.25	56.01	29.592 E	-1.271 C	23.812	1436.7
55.50	56.30	29.590 E	-1.271 C	23.811	1436.7
55.75	56.54	29.589 E	-1.272 C	23.810	1436.7
56.00	56.74	29.592 E	-1.273 C	23.812	1436.7
56.25	56.95	29.590 E	-1.274 C	23.811	1436.7
56.50	57.31	29.590 E	-1.276 C	23.811	1436.7
56.75	57.48	29.590 E	-1.277 C	23.811	1436.7

EXPERIMENT 449



CRUISE 02-71-015 CB1 CAMBRIDGE BAY EXPER. NO. 449
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 241071 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	2.85	26.273 F	-1.130 F	21.129	1431.9
4.00	3.84	26.734 F	-1.134 F	21.501	1432.6
5.00	4.91	26.988 F	-1.118 F	21.706	1433.0
6.00	5.93	27.182 F	-1.119 F	21.863	1433.3
7.00	6.89	27.331 F	-1.171 F	21.984	1433.3
8.00	7.88	27.437 F	-1.215 F	22.070	1433.2
9.00	8.96	27.493 F	-1.285 F	22.116	1433.0
10.00	9.90	27.527 F	-1.226 F	22.142	1433.3
11.00	10.96	27.536 F	-1.116 F	22.148	1433.9
12.00	12.00	27.563 F	-0.940 F	22.168	1434.8
13.00	12.99	27.585 F	-0.798 F	22.183	1435.5
14.00	13.98	27.634 F	-0.422 F	22.215	1437.3
15.00	14.95	27.664 F	-0.112 F	22.231	1438.9
16.00	15.94	27.718 F	0.210 F	22.265	1440.4
17.00	17.02	27.776 F	0.354 E	22.307	1441.2
18.00	18.08	27.874 G	0.579 E	22.378	1442.4
19.00	19.06	28.020 G	0.831 E	22.485	1443.8
20.00	20.05	28.221 F	0.992 E	22.639	1444.8
21.00	21.08	28.472 F	0.978 E	22.841	1445.1
22.00	22.09	28.735 E	0.762 E	23.061	1444.5
23.00	23.06	28.988 E	0.421 D	23.278	1443.3
24.00	24.02	29.198 E	0.046 D	23.461	1441.8
25.00	25.07	29.355 F	-0.284 D	23.598	1440.6
26.00	26.13	29.458 F	-0.528 E	23.688	1439.6
27.00	27.10	29.517 F	-0.703 E	23.740	1438.8
28.00	28.14	29.552 E	-0.816 D	23.771	1438.4
29.00	29.16	29.570 E	-0.908 D	23.787	1438.0
30.00	30.17	29.580 E	-0.962 D	23.797	1437.8
31.00	31.21	29.584 E	-0.985 D	23.800	1437.7
32.00	32.15	29.584 E	-0.996 D	23.801	1437.6
33.00	33.22	29.586 E	-1.010 C	23.802	1437.6
34.00	34.22	29.590 E	-1.042 C	23.806	1437.5
35.00	35.25	29.597 E	-1.075 C	23.813	1437.3
36.00	36.22	29.603 E	-1.101 C	23.818	1437.2
37.00	37.25	29.606 E	-1.119 C	23.821	1437.2
38.00	38.25	29.607 E	-1.135 C	23.822	1437.1
39.00	39.30	29.607 E	-1.148 C	23.822	1437.1
40.00	40.27	29.608 E	-1.164 C	23.823	1437.0
41.00	41.28	29.608 E	-1.181 C	23.824	1437.0
42.00	42.34	29.609 E	-1.198 C	23.825	1436.9
43.00	43.33	29.609 E	-1.213 C	23.825	1436.8
44.00	44.31	29.608 E	-1.224 C	23.824	1436.8
45.00	45.28	29.607 E	-1.231 C	23.824	1436.8
46.00	46.33	29.606 E	-1.238 C	23.823	1436.8
47.00	47.34	29.605 E	-1.243 C	23.822	1436.8
48.00	48.45	29.604 E	-1.248 C	23.822	1436.7
49.00	49.36	29.604 E	-1.250 C	23.822	1436.8
50.00	50.38	29.603 E	-1.253 C	23.821	1436.8
51.00	51.36	29.602 E	-1.255 C	23.820	1436.8
52.00	52.42	29.598 E	-1.258 C	23.817	1436.8
53.00	53.46	29.594 E	-1.261 C	23.814	1436.8
54.00	54.49	29.590 E	-1.266 C	23.811	1436.7
55.00	55.51	29.588 E	-1.270 C	23.809	1436.7
56.00	56.50	29.588 E	-1.275 C	23.809	1436.7
57.00	57.52	29.589 E	-1.280 C	23.810	1436.7

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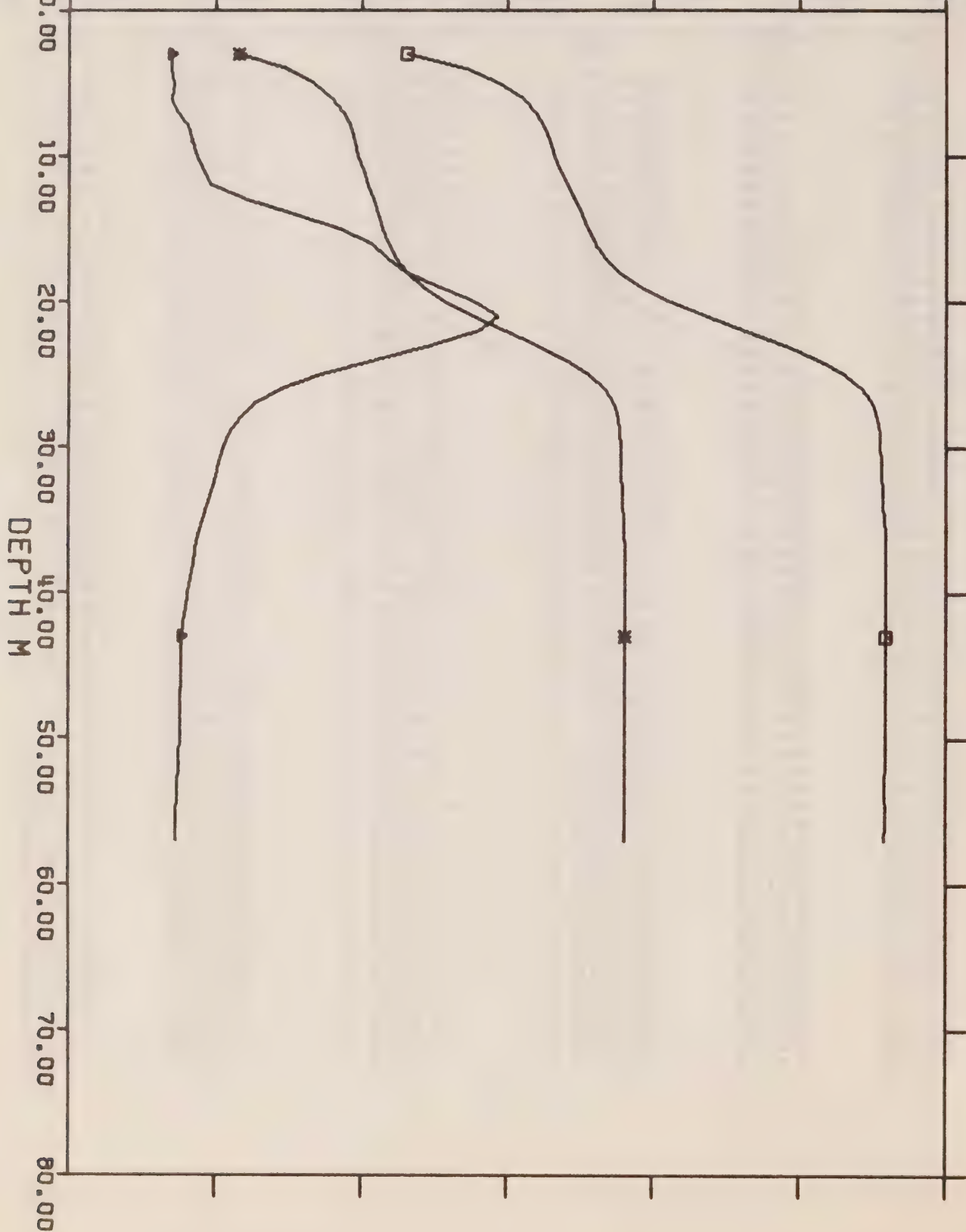
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SIGMAT

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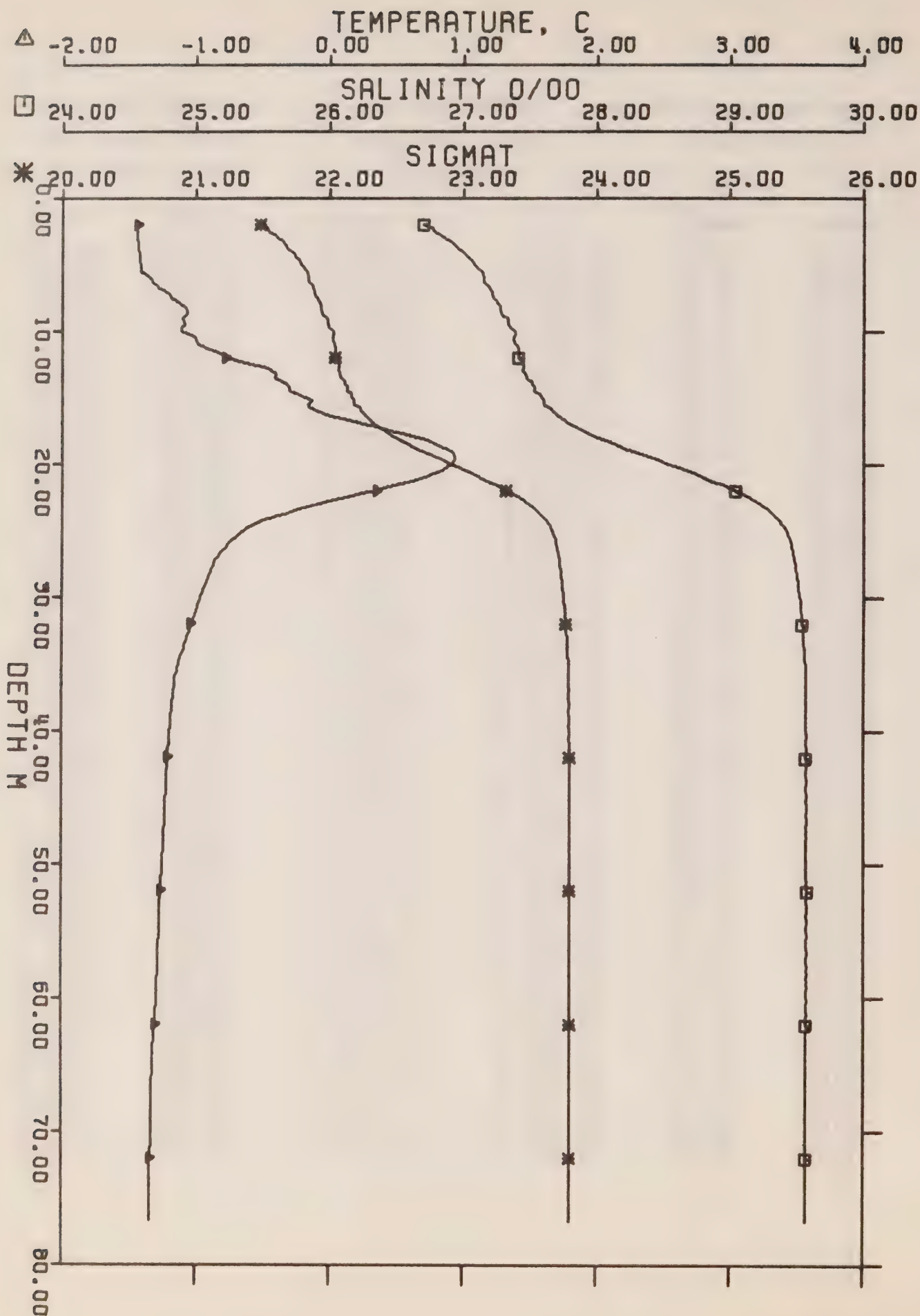


EXPERIMENT 450

CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 450
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 251071 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.00	2.99	26.314 F	-1.302 F	21.163	1431.2
4.00	3.96	26.706 F	-1.300 F	21.480	1431.7
5.00	4.90	26.939 F	-1.285 F	21.668	1432.2
6.00	5.96	27.096 F	-1.298 F	21.795	1432.3
7.00	6.93	27.195 F	-1.253 F	21.874	1432.7
8.00	8.02	27.251 E	-1.184 D	21.919	1433.1
9.00	8.93	27.289 E	-1.155 D	21.949	1433.3
10.00	9.97	27.321 E	-1.122 D	21.975	1433.5
11.00	11.00	27.362 E	-1.073 D	22.007	1433.9
12.00	12.07	27.408 F	-1.016 D	22.044	1434.2
13.00	13.00	27.462 F	-0.784 F	22.084	1435.4
14.00	13.99	27.506 F	-0.461 E	22.113	1437.0
15.00	14.99	27.549 F	-0.148 E	22.140	1438.5
16.00	15.97	27.602 F	0.066 E	22.177	1439.6
17.00	17.05	27.674 F	0.182 E	22.231	1440.3
18.00	18.11	27.775 F	0.315 E	22.308	1441.0
19.00	19.08	27.924 F	0.540 F	22.419	1442.3
20.00	20.14	28.120 F	0.781 F	22.567	1443.7
21.00	21.11	28.367 F	0.942 F	22.758	1444.8
22.00	22.11	28.631 F	0.801 F	22.976	1444.5
23.00	23.10	28.896 E	0.484 E	23.202	1443.4
24.00	24.07	29.127 E	0.096 C	23.402	1442.0
25.00	25.10	29.309 F	-0.278 C	23.560	1440.5
26.00	26.13	29.433 F	-0.555 C	23.668	1439.4
27.00	27.13	29.501 F	-0.738 D	23.728	1438.7
28.00	28.13	29.533 C	-0.843 C	23.756	1438.2
29.00	29.16	29.546 C	-0.912 C	23.768	1437.9
30.00	30.23	29.554 C	-0.950 C	23.775	1437.8
31.00	31.20	29.559 C	-0.975 C	23.780	1437.7
32.00	32.20	29.563 C	-0.998 C	23.784	1437.6
33.00	33.20	29.568 C	-1.030 C	23.788	1437.5
34.00	34.22	29.574 C	-1.062 C	23.794	1437.4
35.00	35.23	29.581 C	-1.092 C	23.800	1437.2
36.00	36.25	29.586 C	-1.117 C	23.805	1437.1
37.00	37.26	29.590 C	-1.138 C	23.808	1437.1
38.00	38.33	29.592 C	-1.154 C	23.810	1437.0
39.00	39.29	29.593 C	-1.170 C	23.811	1437.0
40.00	40.33	29.594 C	-1.186 C	23.812	1436.9
41.00	41.31	29.595 C	-1.204 C	23.814	1436.8
42.00	42.38	29.595 C	-1.218 C	23.814	1436.8
43.00	43.38	29.595 C	-1.227 C	23.814	1436.8
44.00	44.39	29.594 C	-1.232 C	23.813	1436.7
45.00	45.42	29.595 C	-1.234 C	23.814	1436.8
46.00	46.43	29.595 C	-1.235 C	23.814	1436.8
47.00	47.36	29.595 C	-1.236 C	23.814	1436.8
48.00	48.45	29.593 C	-1.237 C	23.812	1436.8
49.00	49.44	29.590 C	-1.241 C	23.810	1436.8
50.00	50.45	29.589 C	-1.245 C	23.809	1436.8
51.00	51.47	29.587 C	-1.249 C	23.808	1436.8
52.00	52.47	29.586 C	-1.253 C	23.807	1436.8
53.00	53.50	29.585 C	-1.257 C	23.806	1436.8
54.00	54.49	29.585 C	-1.262 C	23.806	1436.8
55.00	55.47	29.586 C	-1.267 C	23.807	1436.7
56.00	56.54	29.586 C	-1.271 C	23.807	1436.7
57.00	57.54	29.585 C	-1.275 C	23.807	1436.7

EXPERIMENT 451



CRUISE 02-71-015 CBI CAMBRIDGE BAY EXPER. NO. 451
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 0.25 DATE 261071 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.05	26.703 E	-1.439 D	21.478	1431.0
2.25	2.31	26.756 E	-1.438 D	21.521	1431.1
2.50	2.58	26.785 E	-1.437 D	21.545	1431.2
2.75	2.80	26.825 E	-1.439 D	21.577	1431.2
3.00	3.15	26.865 E	-1.437 D	21.609	1431.3
3.25	3.36	26.898 E	-1.434 D	21.636	1431.4
3.50	3.56	26.930 E	-1.434 D	21.662	1431.4
3.75	3.82	26.958 E	-1.431 D	21.684	1431.5
4.00	4.11	26.988 E	-1.423 D	21.709	1431.6
4.25	4.36	27.009 E	-1.420 D	21.726	1431.6
4.50	4.67	27.038 E	-1.423 D	21.749	1431.6
4.75	4.91	27.059 E	-1.422 D	21.766	1431.7
5.00	5.18	27.080 E	-1.414 D	21.783	1431.7
5.25	5.41	27.097 E	-1.412 E	21.797	1431.8
5.50	5.64	27.127 E	-1.410 E	21.821	1431.8
5.75	5.87	27.141 E	-1.385 E	21.832	1432.0
6.00	6.08	27.150 E	-1.338 E	21.839	1432.2
6.25	6.35	27.154 E	-1.316 E	21.842	1432.3
6.50	6.61	27.175 E	-1.304 E	21.859	1432.4
6.75	6.90	27.187 E	-1.277 E	21.868	1432.6
7.00	7.12	27.200 E	-1.229 E	21.878	1432.8
7.25	7.34	27.206 E	-1.202 D	21.893	1433.0
7.50	7.64	27.223 E	-1.180 D	21.896	1433.1
7.75	7.92	27.239 E	-1.152 D	21.909	1433.3
8.00	8.13	27.261 E	-1.107 D	21.926	1433.5
8.25	8.35	27.267 E	-1.079 D	21.931	1433.6
8.50	8.67	27.270 E	-1.062 D	21.933	1433.7
8.75	8.92	27.289 E	-1.084 D	21.949	1433.7
9.00	9.13	27.320 E	-1.097 D	21.974	1433.6
9.25	9.38	27.332 F	-1.095 F	21.983	1433.7
9.50	9.67	27.328 F	-1.084 F	21.980	1433.7
9.75	9.94	27.346 F	-1.106 F	21.995	1433.7
10.00	10.14	27.375 F	-1.106 F	22.018	1433.7
10.25	10.39	27.392 F	-1.057 F	22.031	1434.0
10.50	10.62	27.376 F	-1.005 F	22.018	1434.2
10.75	10.92	27.374 F	-0.991 F	22.016	1434.3
11.00	11.13	27.387 F	-0.979 F	22.026	1434.3
11.25	11.38	27.411 F	-0.923 E	22.045	1434.6
11.50	11.63	27.406 F	-0.863 E	22.040	1434.9
11.75	11.88	27.408 F	-0.814 E	22.041	1435.2
12.00	12.17	27.409 F	-0.779 E	22.041	1435.3
12.25	12.49	27.437 F	-0.701 E	22.062	1435.7
12.50	12.66	27.443 F	-0.594 E	22.065	1436.3
12.75	12.95	27.449 F	-0.487 E	22.068	1436.8
13.00	13.17	27.436 F	-0.429 E	22.056	1437.0
13.25	13.49	27.456 G	-0.402 G	22.071	1437.2
13.50	13.74	27.468 G	-0.405 G	22.081	1437.2
13.75	13.92	27.508 G	-0.364 G	22.112	1437.4
14.00	14.13	27.509 G	-0.320 G	22.112	1437.7
14.25	14.41	27.526 G	-0.298 G	22.125	1437.8
14.50	14.65	27.530 G	-0.298 G	22.128	1437.8
14.75	14.98	27.570 G	-0.252 G	22.160	1438.1
15.00	15.23	27.576 G	-0.184 G	22.163	1438.4
15.25	15.47	27.596 G	-0.133 G	22.177	1438.7
15.50	15.67	27.602 G	-0.156 G	22.183	1438.6
15.75	15.92	27.643 G	-0.149 G	22.216	1438.7
16.00	16.24	27.666 G	-0.102 G	22.233	1438.9
16.25	16.44	27.705 G	-0.020 D	22.262	1439.4
16.50	16.70	27.733 G	0.055 D	22.282	1439.8
16.75	16.90	27.765 G	0.152 D	22.305	1440.3
17.00	17.16	27.797 G	0.255 D	22.327	1440.8
17.25	17.43	27.848 G	0.364 D	22.365	1441.4
17.50	17.69	27.909 G	0.452 D	22.410	1441.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	17.95	27.954 G	0.552 D	22.443	1442.4
18.00	18.20	28.017 G	0.648 D	22.482	1442.9
18.25	18.49	28.067 G	0.727 G	22.527	1443.3
18.50	18.75	28.148 G	0.794 G	22.589	1443.8
18.75	18.94	28.204 G	0.857 G	22.631	1444.1
19.00	19.23	28.268 G	0.911 G	22.680	1444.5
19.25	19.44	28.331 G	0.935 G	22.730	1444.7
19.50	19.74	28.416 G	0.943 G	22.797	1444.8
19.75	20.01	28.478 G	0.931 G	22.848	1444.9
20.00	20.23	28.545 G	0.913 G	22.902	1444.9
20.25	20.54	28.609 E	0.880 D	22.955	1444.8
20.50	20.73	28.687 E	0.839 D	23.019	1444.7
20.75	21.01	28.746 E	0.780 D	23.069	1444.6
21.00	21.27	28.805 E	0.709 D	23.119	1444.3
21.25	21.49	28.868 E	0.623 D	23.174	1444.0
21.50	21.75	28.937 E	0.534 D	23.233	1443.7
21.75	21.98	28.989 E	0.445 D	23.278	1443.4
22.00	22.23	29.041 E	0.346 D	23.324	1443.0
22.25	22.48	29.096 E	0.237 D	23.372	1442.6
22.50	22.81	29.149 E	0.128 D	23.418	1442.1
22.75	23.06	29.190 E	0.030 D	23.455	1441.7
23.00	23.23	29.230 E	-0.067 D	23.490	1441.4
23.25	23.52	29.266 F	-0.164 E	23.522	1441.0
23.50	23.78	29.301 F	-0.258 E	23.553	1440.6
23.75	23.95	29.328 F	-0.341 E	23.578	1440.2
24.00	24.22	29.355 F	-0.417 E	23.602	1439.9
24.25	24.58	29.374 F	-0.486 E	23.619	1439.6
24.50	24.79	29.393 F	-0.550 E	23.636	1439.4
24.75	25.07	29.409 F	-0.599 E	23.650	1439.2
25.00	25.28	29.425 F	-0.638 E	23.664	1439.0
25.25	25.52	29.431 F	-0.672 E	23.670	1438.8
25.50	25.77	29.441 F	-0.704 E	23.678	1438.7
25.75	26.09	29.450 F	-0.731 E	23.686	1438.6
26.00	26.32	29.459 F	-0.755 E	23.694	1438.5
26.25	26.54	29.463 E	-0.779 E	23.698	1438.4
26.50	26.78	29.467 E	-0.801 E	23.702	1438.3
26.75	27.10	29.474 E	-0.821 E	23.708	1438.2
27.00	27.32	29.479 E	-0.841 E	23.712	1438.2
27.25	27.58	29.484 E	-0.859 E	23.717	1438.1
27.50	27.77	29.487 E	-0.869 F	23.719	1438.0
27.75	28.11	29.491 E	-0.879 E	23.723	1438.0
28.00	28.32	29.494 E	-0.893 E	23.726	1437.9
28.25	28.56	29.499 E	-0.903 E	23.730	1437.9
28.50	28.83	29.501 E	-0.908 F	23.732	1437.9
28.75	29.07	29.506 E	-0.916 F	23.736	1437.9
29.00	29.35	29.509 E	-0.930 E	23.739	1437.8
29.25	29.54	29.514 E	-0.941 E	23.743	1437.8
29.50	29.88	29.514 E	-0.948 F	23.743	1437.7
29.75	30.08	29.521 E	-0.956 E	23.749	1437.7
30.00	30.31	29.523 E	-0.965 E	23.751	1437.7
30.25	30.56	29.528 E	-0.974 E	23.755	1437.6
30.50	30.85	29.526 E	-0.985 E	23.753	1437.6
30.75	31.15	29.533 E	-0.994 E	23.759	1437.6
31.00	31.39	29.534 E	-1.003 E	23.760	1437.5
31.25	31.67	29.541 E	-1.009 E	23.766	1437.5
31.50	31.84	29.537 E	-1.019 E	23.763	1437.5
31.75	32.11	29.541 E	-1.028 E	23.766	1437.4
32.00	32.38	29.544 E	-1.037 E	23.769	1437.4
32.25	32.56	29.549 E	-1.043 E	23.773	1437.4
32.50	32.89	29.548 E	-1.052 E	23.773	1437.3
32.75	33.09	29.549 E	-1.060 E	23.774	1437.3
33.00	33.42	29.553 E	-1.068 F	23.777	1437.3
33.25	33.66	29.555 E	-1.075 E	23.779	1437.3
33.50	33.89	29.555 E	-1.086 E	23.779	1437.2
33.75	34.08	29.556 E	-1.095 E	23.780	1437.2
34.00	34.35	29.562 E	-1.104 E	23.785	1437.1
34.25	34.70	29.561 E	-1.111 E	23.784	1437.1
34.50	34.88	29.561 E	-1.119 E	23.784	1437.1
34.75	35.16	29.562 E	-1.127 E	23.785	1437.0
35.00	35.39	29.568 E	-1.135 E	23.790	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.63	29.566 E	-1.140 E	23.789	1437.0
35.50	35.92	29.566 E	-1.145 E	23.789	1437.0
35.75	36.15	29.568 E	-1.151 E	23.791	1437.0
36.00	36.41	29.573 E	-1.156 E	23.795	1436.9
36.25	36.65	29.569 E	-1.159 E	23.792	1436.9
36.50	36.90	29.569 E	-1.162 E	23.792	1436.9
36.75	37.17	29.570 E	-1.165 E	23.793	1436.9
37.00	37.38	29.574 E	-1.170 E	23.796	1436.9
37.25	37.61	29.572 E	-1.172 E	23.794	1436.9
37.50	37.87	29.570 E	-1.175 E	23.793	1436.9
37.75	38.13	29.570 E	-1.178 E	23.793	1436.9
38.00	38.41	29.575 E	-1.179 E	23.797	1436.9
38.25	38.75	29.574 E	-1.181 E	23.796	1436.9
38.50	38.99	29.572 E	-1.184 E	23.795	1436.9
38.75	39.17	29.570 E	-1.186 E	23.793	1436.8
39.00	39.47	29.574 E	-1.187 E	23.796	1436.8
39.25	39.66	29.575 E	-1.189 E	23.797	1436.8
39.50	39.96	29.574 E	-1.192 E	23.796	1436.8
39.75	40.20	29.570 E	-1.194 E	23.793	1436.8
40.00	40.40	29.573 E	-1.197 E	23.796	1436.8
40.25	40.72	29.576 E	-1.199 E	23.798	1436.8
40.50	40.94	29.576 E	-1.200 E	23.798	1436.8
40.75	41.18	29.572 E	-1.202 E	23.795	1436.8
41.00	41.48	29.573 E	-1.204 E	23.796	1436.9
41.25	41.76	29.576 E	-1.206 E	23.798	1436.8
41.50	41.95	29.577 E	-1.207 E	23.799	1436.8
41.75	42.23	29.574 E	-1.209 E	23.797	1436.8
42.00	42.45	29.573 E	-1.212 E	23.796	1436.8
42.25	42.70	29.576 E	-1.214 E	23.798	1436.8
42.50	42.97	29.577 E	-1.214 E	23.799	1436.8
42.75	43.20	29.576 E	-1.215 E	23.798	1436.8
43.00	43.54	29.575 E	-1.217 E	23.798	1436.8
43.25	43.71	29.575 E	-1.219 E	23.798	1436.8
43.50	44.00	29.576 E	-1.219 E	23.798	1436.8
43.75	44.23	29.576 E	-1.221 E	23.798	1436.8
44.00	44.45	29.576 E	-1.222 E	23.798	1436.8
44.25	44.68	29.574 E	-1.224 E	23.797	1436.8
44.50	44.97	29.575 E	-1.225 E	23.798	1436.8
44.75	45.23	29.578 E	-1.225 E	23.800	1436.8
45.00	45.44	29.577 E	-1.226 E	23.799	1436.8
45.25	45.74	29.573 E	-1.228 E	23.796	1436.8
45.50	46.07	29.576 E	-1.229 E	23.799	1436.8
45.75	46.30	29.578 E	-1.230 E	23.800	1436.8
46.00	46.52	29.578 E	-1.231 E	23.800	1436.8
46.25	46.73	29.574 E	-1.232 E	23.797	1436.8
46.50	47.01	29.577 E	-1.233 E	23.799	1436.8
46.75	47.23	29.577 E	-1.233 E	23.799	1436.8
47.00	47.48	29.577 E	-1.235 E	23.800	1436.8
47.25	47.73	29.575 E	-1.236 E	23.798	1436.8
47.50	47.97	29.577 E	-1.236 E	23.800	1436.8
47.75	48.28	29.575 E	-1.238 E	23.798	1436.8
48.00	48.48	29.576 E	-1.239 E	23.799	1436.8
48.25	48.73	29.575 E	-1.240 E	23.798	1436.7
48.50	48.99	29.575 E	-1.242 E	23.798	1436.7
48.75	49.29	29.573 E	-1.243 E	23.796	1436.7
49.00	49.50	29.575 E	-1.245 E	23.798	1436.7
49.25	49.78	29.574 E	-1.246 E	23.797	1436.7
49.50	50.06	29.574 E	-1.248 E	23.797	1436.7
49.75	50.29	29.572 E	-1.249 E	23.796	1436.7
50.00	50.50	29.574 E	-1.251 E	23.797	1436.7
50.25	50.79	29.575 E	-1.252 E	23.798	1436.7
50.50	51.05	29.573 E	-1.254 E	23.797	1436.7
50.75	51.32	29.572 E	-1.255 E	23.796	1436.7
51.00	51.52	29.575 E	-1.257 E	23.798	1436.7
51.25	51.83	29.576 E	-1.258 E	23.799	1436.7
51.50	52.07	29.574 E	-1.259 E	23.797	1436.7
51.75	52.34	29.571 E	-1.261 E	23.795	1436.7
52.00	52.60	29.576 E	-1.262 E	23.799	1436.7
52.25	52.85	29.578 E	-1.263 E	23.801	1436.7
52.50	53.13	29.576 E	-1.264 E	23.799	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.75	53.39	29.572 E	-1.266 F	23.796	1436.7
53.00	53.56	29.576 E	-1.267 E	23.799	1436.7
53.25	53.86	29.578 E	-1.267 E	23.801	1436.7
53.50	54.07	29.578 E	-1.269 E	23.801	1436.7
53.75	54.32	29.573 E	-1.269 E	23.797	1436.7
54.00	54.54	29.575 E	-1.270 F	23.798	1436.7
54.25	54.86	29.577 E	-1.271 F	23.800	1436.7
54.50	55.14	29.579 F	-1.272 E	23.802	1436.7
54.75	55.32	29.574 E	-1.272 E	23.798	1436.7
55.00	55.58	29.573 E	-1.273 E	23.797	1436.7
55.25	55.86	29.576 E	-1.274 F	23.799	1436.7
55.50	56.07	29.578 E	-1.275 E	23.801	1436.7
55.75	56.35	29.575 E	-1.276 F	23.799	1436.7
56.00	56.57	29.573 E	-1.276 E	23.797	1436.7
56.25	56.84	29.575 E	-1.277 E	23.799	1436.7
56.50	57.14	29.576 E	-1.278 E	23.799	1436.7
56.75	57.33	29.576 E	-1.279 E	23.799	1436.7
57.00	57.59	29.573 E	-1.280 E	23.797	1436.7
57.25	57.89	29.575 E	-1.281 E	23.799	1436.7
57.50	58.14	29.574 E	-1.282 F	23.798	1436.7
57.75	58.38	29.576 E	-1.284 F	23.800	1436.7
58.00	58.65	29.575 E	-1.284 F	23.799	1436.7
58.25	58.84	29.576 F	-1.285 E	23.800	1436.7
58.50	59.19	29.573 E	-1.286 E	23.797	1436.7
58.75	59.41	29.577 E	-1.287 E	23.800	1436.7
59.00	59.67	29.575 E	-1.288 E	23.799	1436.7
59.25	59.92	29.577 F	-1.289 F	23.800	1436.7
59.50	60.15	29.573 F	-1.289 F	23.797	1436.7
59.75	60.42	29.575 E	-1.291 E	23.799	1436.7
60.00	60.63	29.574 E	-1.292 E	23.798	1436.7
60.25	60.88	29.578 E	-1.294 F	23.801	1436.7
60.50	61.13	29.574 E	-1.294 F	23.798	1436.7
60.75	61.41	29.574 E	-1.296 E	23.798	1436.7
61.00	61.67	29.573 E	-1.298 E	23.797	1436.7
61.25	61.92	29.577 E	-1.300 E	23.801	1436.7
61.50	62.15	29.575 E	-1.302 E	23.799	1436.7
61.75	62.39	29.574 E	-1.304 E	23.798	1436.7
62.00	62.67	29.572 E	-1.305 E	23.797	1436.7
62.25	63.00	29.576 E	-1.308 E	23.800	1436.7
62.50	63.20	29.575 E	-1.310 E	23.799	1436.7
62.75	63.46	29.573 E	-1.311 E	23.798	1436.6
63.00	63.72	29.571 E	-1.313 E	23.796	1436.6
63.25	63.96	29.573 E	-1.315 E	23.798	1436.6
63.50	64.23	29.573 E	-1.317 E	23.798	1436.6
63.75	64.41	29.571 E	-1.317 E	23.796	1436.6
64.00	64.80	29.570 E	-1.319 F	23.795	1436.6
64.25	65.00	29.572 E	-1.321 E	23.797	1436.6
64.50	65.25	29.572 E	-1.322 E	23.797	1436.6
64.75	65.45	29.570 E	-1.322 E	23.795	1436.6
65.00	65.65	29.570 E	-1.324 E	23.795	1436.6
65.25	65.90	29.571 E	-1.325 E	23.796	1436.6
65.50	66.25	29.571 E	-1.325 E	23.796	1436.6
65.75	66.45	29.570 E	-1.325 E	23.795	1436.6
66.00	66.75	29.571 F	-1.327 E	23.796	1436.6
66.25	66.95	29.572 E	-1.329 F	23.797	1436.6
66.50	67.25	29.572 E	-1.328 E	23.797	1436.6
66.75	67.50	29.572 F	-1.328 E	23.797	1436.6
67.00	67.70	29.573 F	-1.329 E	23.798	1436.6
67.25	68.00	29.573 E	-1.331 F	23.798	1436.6
67.50	68.20	29.572 E	-1.330 F	23.797	1436.6
67.75	68.50	29.573 E	-1.331 E	23.798	1436.6
68.00	68.65	29.574 E	-1.331 E	23.799	1436.6
68.25	69.05	29.573 E	-1.331 F	23.798	1436.6
68.50	69.30	29.573 E	-1.331 F	23.798	1436.6
68.75	69.55	29.574 F	-1.332 E	23.799	1436.7
69.00	69.75	29.574 F	-1.332 E	23.799	1436.7
69.25	70.00	29.573 E	-1.332 E	23.798	1436.7
69.50	70.20	29.573 E	-1.333 F	23.798	1436.7
69.75	70.50	29.574 E	-1.333 E	23.799	1436.7
70.00	70.75	29.573 E	-1.333 E	23.798	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
70.25	71.05	29.573 E	-1.334 E	23.798	1436.7
70.50	71.20	29.573 E	-1.335 E	23.798	1436.7
70.75	71.55	29.574 E	-1.335 E	23.799	1436.7
71.00	71.80	29.572 E	-1.335 E	23.797	1436.7
71.25	72.00	29.573 E	-1.336 E	23.798	1436.7
71.50	72.30	29.572 E	-1.337 E	23.797	1436.7
71.75	72.55	29.574 E	-1.337 E	23.799	1436.7
72.00	72.80	29.572 E	-1.338 E	23.797	1436.7
72.25	73.05	29.573 E	-1.338 E	23.798	1436.7
72.50	73.25	29.572 E	-1.340 E	23.797	1436.7
72.75	73.50	29.573 E	-1.339 E	23.798	1436.7
73.00	73.80	29.572 E	-1.340 E	23.797	1436.7
73.25	74.05	29.572 E	-1.340 E	23.797	1436.7
73.50	74.25	29.572 E	-1.341 E	23.797	1436.7
73.75	74.60	29.572 E	-1.340 E	23.797	1436.7
74.00	74.75	29.571 E	-1.341 E	23.796	1436.7
74.25	75.00	29.572 E	-1.341 E	23.797	1436.7
74.50	75.30	29.572 E	-1.341 E	23.797	1436.7
74.75	75.60	29.572 E	-1.341 E	23.797	1436.7
75.00	75.80	29.571 E	-1.342 E	23.796	1436.7
75.25	76.10	29.571 E	-1.342 E	23.796	1436.7
75.50	76.30	29.571 E	-1.341 E	23.796	1436.7
75.75	76.55	29.571 E	-1.342 E	23.796	1436.7
76.00	76.80	29.572 E	-1.342 E	23.797	1436.7
76.25	77.05	29.571 E	-1.342 E	23.796	1436.7
76.50	77.40	29.571 E	-1.342 E	23.796	1436.7
76.75	77.55	29.571 E	-1.343 E	23.796	1436.7

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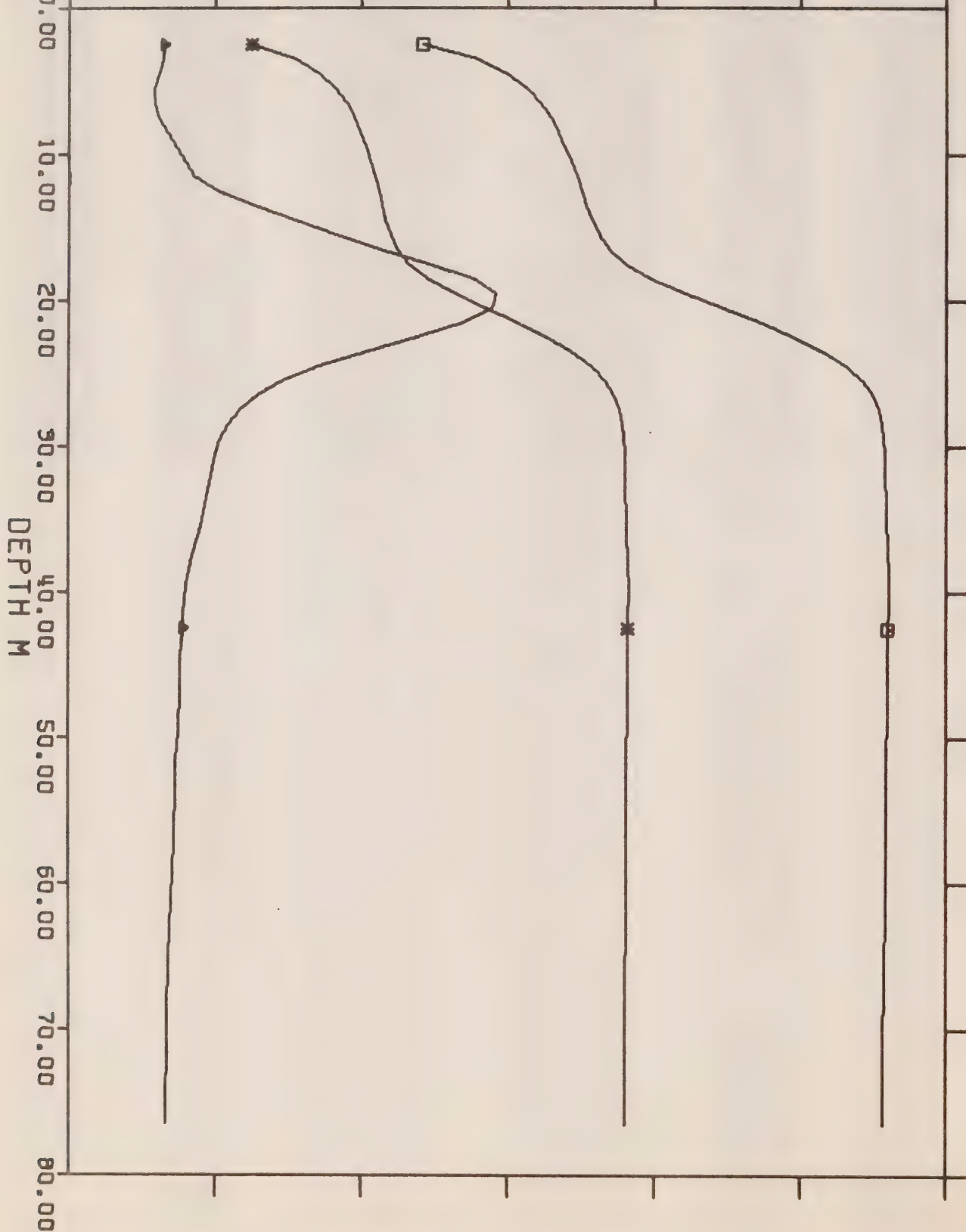
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SALINITY 0/00

24.00 25.00 26.00 27.00 28.00 29.00 30.00

SIGMAT

20.00 21.00 22.00 23.00 24.00 25.00 26.00



CRUISE 02-71-015

CB1

CAMBRIDGE BAY

EXPER. NO. 452

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INCR. 1.00

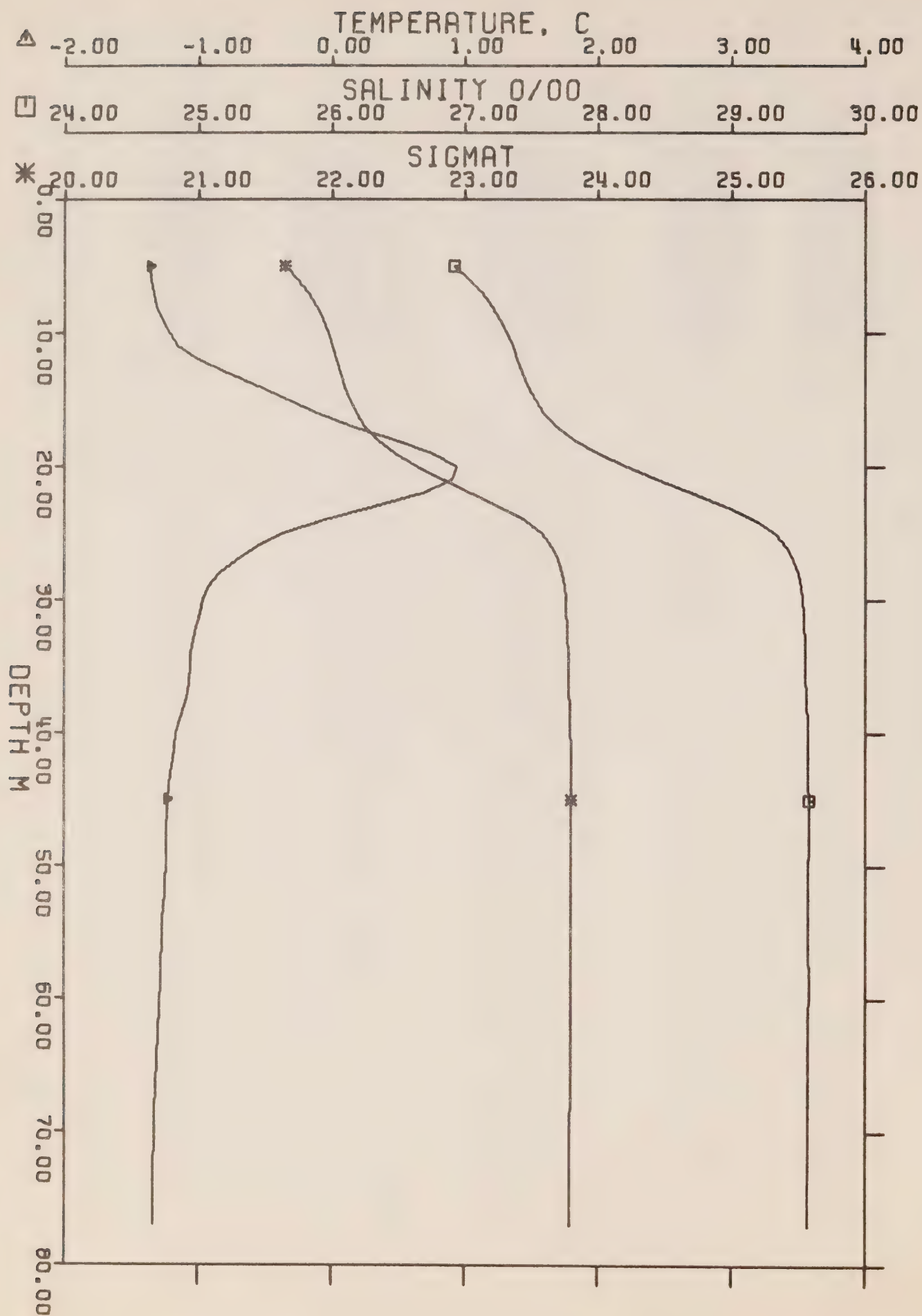
DATE 271071

LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.50	2.85	26.422 E	-1.347 F	21.251	1431.1
3.50	3.86	26.790 E	-1.362 F	21.548	1431.6
4.50	4.82	26.987 E	-1.393 F	21.708	1431.7
5.50	5.85	27.126 E	-1.424 F	21.820	1431.8
6.50	6.80	27.222 E	-1.411 E	21.898	1432.0
7.50	7.86	27.286 E	-1.379 E	21.949	1432.2
8.50	8.90	27.339 E	-1.318 E	21.991	1432.6
9.50	9.92	27.383 E	-1.260 E	22.026	1433.0
10.50	10.85	27.428 E	-1.199 E	22.062	1433.3
11.50	11.86	27.466 E	-1.137 F	22.092	1433.7
12.50	12.92	27.497 F	-0.984 E	22.115	1434.5
13.50	13.87	27.531 F	-0.730 E	22.138	1435.8
14.50	14.96	27.569 G	-0.445 C	22.163	1437.2
15.50	15.91	27.623 G	-0.167 C	22.200	1438.6
16.50	16.95	27.689 G	0.134 C	22.244	1440.1
17.50	17.97	27.301 G	0.464 C	22.323	1441.8
18.50	18.97	27.973 G	0.770 C	22.450	1443.4
19.50	19.95	28.210 F	0.922 F	22.633	1444.5
20.50	21.03	28.467 F	0.890 F	22.841	1444.7
21.50	21.96	28.728 E	0.702 F	23.058	1444.2
22.50	23.05	28.960 E	0.382 F	23.257	1443.1
23.50	23.99	29.165 F	0.040 C	23.434	1441.8
24.50	25.00	29.320 F	-0.288 C	23.570	1440.5
25.50	26.01	29.429 F	-0.539 C	23.665	1439.5
26.50	27.03	29.497 F	-0.708 C	23.724	1438.8
27.50	28.09	29.536 F	-0.831 D	23.758	1438.3
28.50	29.02	29.559 E	-0.911 C	23.779	1438.0
29.50	30.08	29.571 F	-0.968 C	23.789	1437.7
30.50	31.08	29.577 E	-1.001 C	23.795	1437.6
31.50	32.17	29.581 E	-1.019 C	23.799	1437.5
32.50	33.15	29.583 E	-1.037 C	23.801	1437.5
33.50	34.21	29.586 E	-1.056 C	23.803	1437.4
34.50	35.17	29.589 E	-1.076 C	23.806	1437.3
35.50	36.20	29.592 E	-1.100 C	23.809	1437.2
36.50	37.14	29.598 E	-1.126 C	23.814	1437.1
37.50	38.15	29.603 E	-1.157 C	23.819	1437.0
38.50	39.16	29.609 E	-1.181 C	23.824	1436.9
39.50	40.15	29.611 E	-1.200 C	23.826	1436.8
40.50	41.21	29.610 E	-1.210 C	23.826	1436.8
41.50	42.29	29.606 E	-1.216 C	23.823	1436.8
42.50	43.29	29.602 E	-1.222 C	23.819	1436.8
43.50	44.25	29.600 E	-1.230 C	23.818	1436.8
44.50	45.20	29.599 E	-1.236 C	23.817	1436.7
45.50	46.27	29.598 F	-1.239 C	23.817	1436.7
46.50	47.26	29.597 E	-1.241 C	23.816	1436.8
47.50	48.23	29.596 E	-1.245 C	23.815	1436.7
48.50	49.31	29.596 E	-1.250 C	23.815	1436.7
49.50	50.29	29.596 E	-1.255 C	23.815	1436.7
50.50	51.33	29.595 F	-1.260 C	23.814	1436.7
51.50	52.33	29.593 E	-1.266 C	23.813	1436.7
52.50	53.38	29.592 E	-1.270 C	23.812	1436.7
53.50	54.39	29.592 E	-1.273 C	23.812	1436.7
54.50	55.36	29.591 E	-1.275 C	23.812	1436.7
55.50	56.40	29.591 F	-1.278 C	23.812	1436.7
56.50	57.39	29.591 F	-1.280 C	23.812	1436.7
57.50	58.32	29.592 E	-1.283 C	23.812	1436.7
58.50	59.38	29.592 E	-1.286 C	23.813	1436.7
59.50	60.39	29.591 E	-1.291 C	23.812	1436.7
60.50	61.43	29.589 E	-1.297 C	23.810	1436.7
61.50	62.45	29.590 F	-1.305 C	23.811	1436.7
62.50	63.41	29.590 F	-1.310 C	23.811	1436.7
63.50	64.42	29.588 E	-1.315 C	23.810	1436.7
64.50	65.45	29.585 E	-1.318 C	23.807	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
65.50	66.40	29.581 E	-1.322 C	23.804	1436.7
66.50	67.50	29.579 E	-1.324 C	23.803	1436.7
67.50	68.50	29.577 E	-1.326 C	23.801	1436.7
68.50	69.50	29.576 E	-1.327 C	23.800	1436.7
69.50	70.45	29.575 E	-1.329 C	23.799	1436.7
70.50	71.45	29.574 E	-1.330 C	23.799	1436.7
71.50	72.55	29.574 E	-1.331 C	23.799	1436.7
72.50	73.55	29.574 E	-1.333 C	23.799	1436.7
73.50	74.55	29.574 E	-1.336 C	23.799	1436.7
74.50	75.55	29.575 E	-1.339 C	23.800	1436.7
75.50	76.50	29.575 E	-1.341 C	23.800	1436.7
76.50	77.50	29.575 E	-1.343 C	23.800	1436.7

EXPERIMENT 453

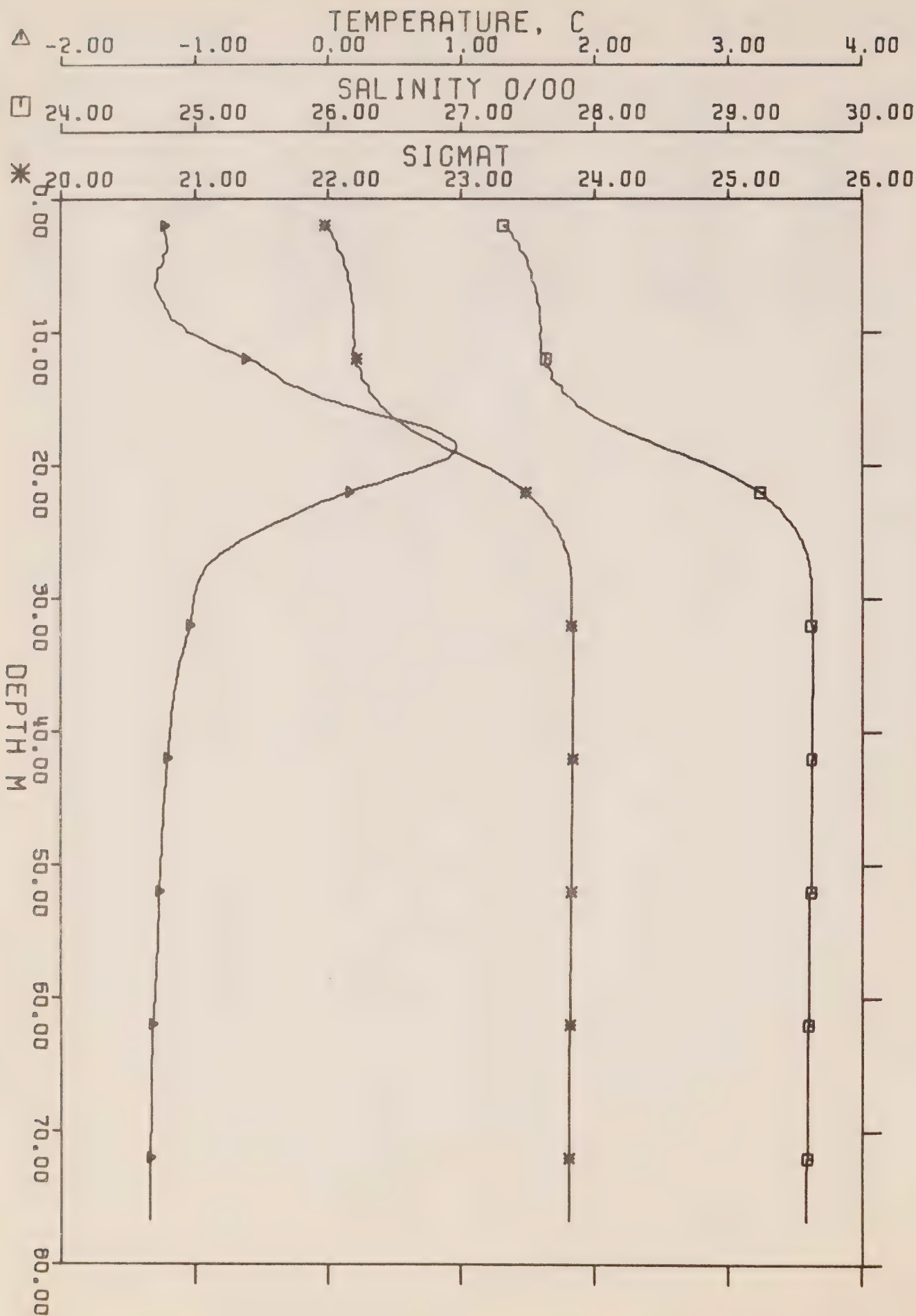


CRUISE 02-71-015 CPI CAMBRIDGE BAY EXPER. NO. 453
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 281071 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.01	26.916 F	-1.365 F	21.650	1431.7
6.00	5.93	27.030 F	-1.347 F	21.742	1432.0
7.00	6.94	27.126 F	-1.332 F	21.819	1432.2
8.00	8.00	27.200 F	-1.313 F	21.879	1432.4
9.00	9.01	27.261 F	-1.258 F	21.928	1432.8
10.00	9.95	27.312 F	-1.210 F	21.969	1433.1
11.00	10.96	27.357 F	-1.149 F	22.004	1433.5
12.00	12.01	27.392 G	-1.005 D	22.031	1434.2
13.00	13.06	27.428 G	-0.776 D	22.056	1435.4
14.00	14.05	27.470 G	-0.551 D	22.086	1436.5
15.00	15.07	27.527 G	-0.332 D	22.127	1437.6
16.00	16.00	27.595 G	-0.113 D	22.176	1438.8
17.00	17.09	27.687 G	0.148 D	22.242	1440.1
18.00	18.05	27.818 G	0.475 D	22.337	1441.8
19.00	19.03	27.996 G	0.764 D	22.468	1443.4
20.00	20.13	28.218 G	0.942 E	22.639	1444.6
21.00	21.13	28.463 E	0.902 E	22.837	1444.7
22.00	22.15	28.719 E	0.681 D	23.052	1444.1
23.00	23.13	28.966 E	0.325 C	23.264	1442.8
24.00	24.05	29.178 F	-0.063 C	23.448	1441.3
25.00	25.14	29.327 F	-0.365 C	23.578	1440.1
26.00	26.18	29.415 F	-0.565 C	23.654	1439.3
27.00	27.23	29.464 F	-0.724 C	23.698	1438.7
28.00	28.20	29.499 E	-0.850 C	23.729	1438.1
29.00	29.17	29.521 F	-0.930 D	23.748	1437.8
30.00	30.21	29.533 F	-0.966 C	23.759	1437.7
31.00	31.16	29.538 F	-0.992 C	23.763	1437.6
32.00	32.23	29.543 E	-1.019 C	23.768	1437.5
33.00	33.23	29.549 E	-1.041 C	23.773	1437.4
34.00	34.26	29.552 E	-1.059 C	23.776	1437.3
35.00	35.31	29.555 E	-1.063 C	23.779	1437.3
36.00	36.23	29.555 E	-1.067 C	23.779	1437.3
37.00	37.32	29.557 E	-1.083 C	23.781	1437.3
38.00	38.28	29.562 E	-1.113 C	23.785	1437.2
39.00	39.23	29.567 E	-1.145 C	23.790	1437.0
40.00	40.29	29.571 E	-1.166 C	23.793	1437.0
41.00	41.30	29.573 E	-1.183 C	23.795	1436.9
42.00	42.30	29.574 E	-1.195 C	23.796	1436.9
43.00	43.36	29.574 E	-1.206 C	23.797	1436.8
44.00	44.38	29.575 E	-1.219 C	23.798	1436.8
45.00	45.40	29.576 E	-1.228 C	23.799	1436.8
46.00	46.40	29.576 E	-1.235 C	23.799	1436.7
47.00	47.41	29.576 E	-1.237 C	23.799	1436.7
48.00	48.36	29.576 E	-1.240 C	23.799	1436.7
49.00	49.43	29.576 E	-1.242 C	23.799	1436.8
50.00	50.45	29.574 E	-1.245 C	23.797	1436.8
51.00	51.44	29.574 E	-1.248 C	23.797	1436.8
52.00	52.40	29.574 E	-1.253 C	23.797	1436.7
53.00	53.44	29.574 E	-1.260 C	23.798	1436.7
54.00	54.40	29.574 E	-1.266 C	23.798	1436.7
55.00	55.48	29.572 E	-1.270 C	23.796	1436.7
56.00	56.48	29.572 E	-1.273 C	23.796	1436.7
57.00	57.50	29.574 E	-1.276 C	23.798	1436.7
58.00	58.47	29.576 E	-1.279 C	23.799	1436.7
59.00	59.46	29.577 E	-1.283 C	23.800	1436.7
60.00	60.45	29.576 E	-1.289 C	23.800	1436.7
61.00	61.55	29.575 E	-1.294 C	23.799	1436.7
62.00	62.53	29.574 E	-1.298 C	23.798	1436.7
63.00	63.49	29.574 E	-1.303 C	23.798	1436.7
64.00	64.60	29.574 E	-1.309 C	23.798	1436.7
65.00	65.60	29.572 E	-1.315 C	23.797	1436.7
66.00	66.60	29.571 E	-1.321 C	23.796	1436.6
67.00	67.55	29.570 E	-1.325 C	23.795	1436.6

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.60	29.570 F	-1.328 C	23.795	1436.6
69.00	69.65	29.569 F	-1.330 C	23.795	1436.7
70.00	70.65	29.569 F	-1.332 C	23.795	1436.7
71.00	71.65	29.569 F	-1.335 C	23.795	1436.7
72.00	72.60	29.569 F	-1.336 C	23.795	1436.7
73.00	73.65	29.568 F	-1.337 C	23.794	1436.7
74.00	74.60	29.568 F	-1.339 C	23.794	1436.7
75.00	75.75	29.568 F	-1.341 C	23.794	1436.7
76.00	76.70	29.568 F	-1.343 C	23.794	1436.7
77.00	77.65	29.568 F	-1.344 C	23.794	1436.7

EXPERIMENT 454



CRUISE 02-71-015 CH1 CAMBRIDGE BAY EXPER. NO. 454
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 32
 DEPTH INCR. 0.25 DATE 291071 LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.00	2.02	27.323 U	-1.233 U	21.978	1432.9
2.25	2.21	27.352 U	-1.227 U	22.001	1433.0
2.50	2.45	27.370 U	-1.218 U	22.016	1433.0
2.75	2.75	27.383 U	-1.213 U	22.026	1433.1
3.00	3.04	27.403 U	-1.215 U	22.042	1433.1
3.25	3.29	27.425 U	-1.208 U	22.060	1433.2
3.50	3.50	27.438 U	-1.199 U	22.070	1433.2
3.75	3.77	27.443 U	-1.203 U	22.074	1433.2
4.00	4.06	27.456 U	-1.223 U	22.085	1433.2
4.25	4.23	27.476 U	-1.236 U	22.101	1433.1
4.50	4.52	27.495 U	-1.235 U	22.117	1433.2
4.75	4.81	27.497 U	-1.243 U	22.118	1433.1
5.00	5.10	27.501 U	-1.253 U	22.122	1433.1
5.25	5.25	27.515 U	-1.279 U	22.133	1433.0
5.50	5.56	27.531 U	-1.281 U	22.146	1433.0
5.75	5.82	27.532 U	-1.276 U	22.147	1433.0
6.00	6.04	27.532 U	-1.276 U	22.147	1433.0
6.25	6.31	27.544 U	-1.300 U	22.157	1432.9
6.50	6.58	27.555 U	-1.304 U	22.166	1432.9
6.75	6.76	27.559 U	-1.291 U	22.169	1433.0
7.00	7.02	27.562 U	-1.271 U	22.171	1433.1
7.25	7.28	27.572 U	-1.258 U	22.179	1433.2
7.50	7.51	27.573 U	-1.248 U	22.180	1433.3
7.75	7.80	27.574 U	-1.230 U	22.180	1433.3
8.00	8.03	27.582 U	-1.222 U	22.187	1433.4
8.25	8.32	27.595 U	-1.206 U	22.197	1433.5
8.50	8.58	27.583 U	-1.189 U	22.191	1433.6
8.75	8.84	27.588 U	-1.178 U	22.191	1433.6
9.00	9.08	27.600 U	-1.167 U	22.201	1433.7
9.25	9.35	27.604 U	-1.137 U	22.204	1433.9
9.50	9.62	27.592 U	-1.095 U	22.193	1434.0
9.75	9.84	27.597 U	-1.067 U	22.197	1434.2
10.00	10.13	27.606 U	-1.048 U	22.204	1434.3
10.25	10.38	27.604 U	-0.994 U	22.202	1434.6
10.50	10.55	27.586 U	-0.937 U	22.186	1434.8
10.75	10.85	27.507 U	-0.898 U	22.203	1435.0
11.00	11.13	27.615 U	-0.847 U	22.208	1435.3
11.25	11.31	27.609 U	-0.779 U	22.202	1435.6
11.50	11.58	27.597 U	-0.719 U	22.191	1435.9
11.75	11.88	27.628 U	-0.670 U	22.216	1436.1
12.00	12.11	27.639 U	-0.616 U	22.223	1436.4
12.25	12.30	27.640 U	-0.543 U	22.223	1436.8
12.50	12.63	27.626 U	-0.501 U	22.210	1436.9
12.75	12.88	27.659 U	-0.470 U	22.236	1437.1
13.00	13.16	27.683 U	-0.427 U	22.255	1437.4
13.25	13.38	27.693 U	-0.385 U	22.262	1437.6
13.50	13.64	27.685 U	-0.354 U	22.255	1437.7
13.75	13.85	27.714 U	-0.319 U	22.277	1437.9
14.00	14.13	27.746 U	-0.274 U	22.302	1438.2
14.25	14.34	27.764 U	-0.201 U	22.314	1438.6
14.50	14.63	27.759 U	-0.148 U	22.309	1438.8
14.75	14.86	27.788 U	-0.103 U	22.331	1439.1
15.00	15.13	27.827 U	-0.036 U	22.360	1439.4
15.25	15.38	27.852 U	0.049 U	22.378	1439.9
15.50	15.68	27.867 U	0.126 U	22.388	1440.3
15.75	15.83	27.908 U	0.208 U	22.418	1440.7
16.00	16.13	27.952 U	0.302 U	22.450	1441.2
16.25	16.35	27.988 U	0.409 U	22.475	1441.7
16.50	16.64	28.021 U	0.503 U	22.499	1442.2
16.75	16.96	28.075 U	0.592 U	22.538	1442.7
17.00	17.15	28.130 U	0.690 U	22.579	1443.2
17.25	17.42	28.179 U	0.773 U	22.615	1443.7
17.50	17.63	28.231 U	0.831 U	22.654	1444.0

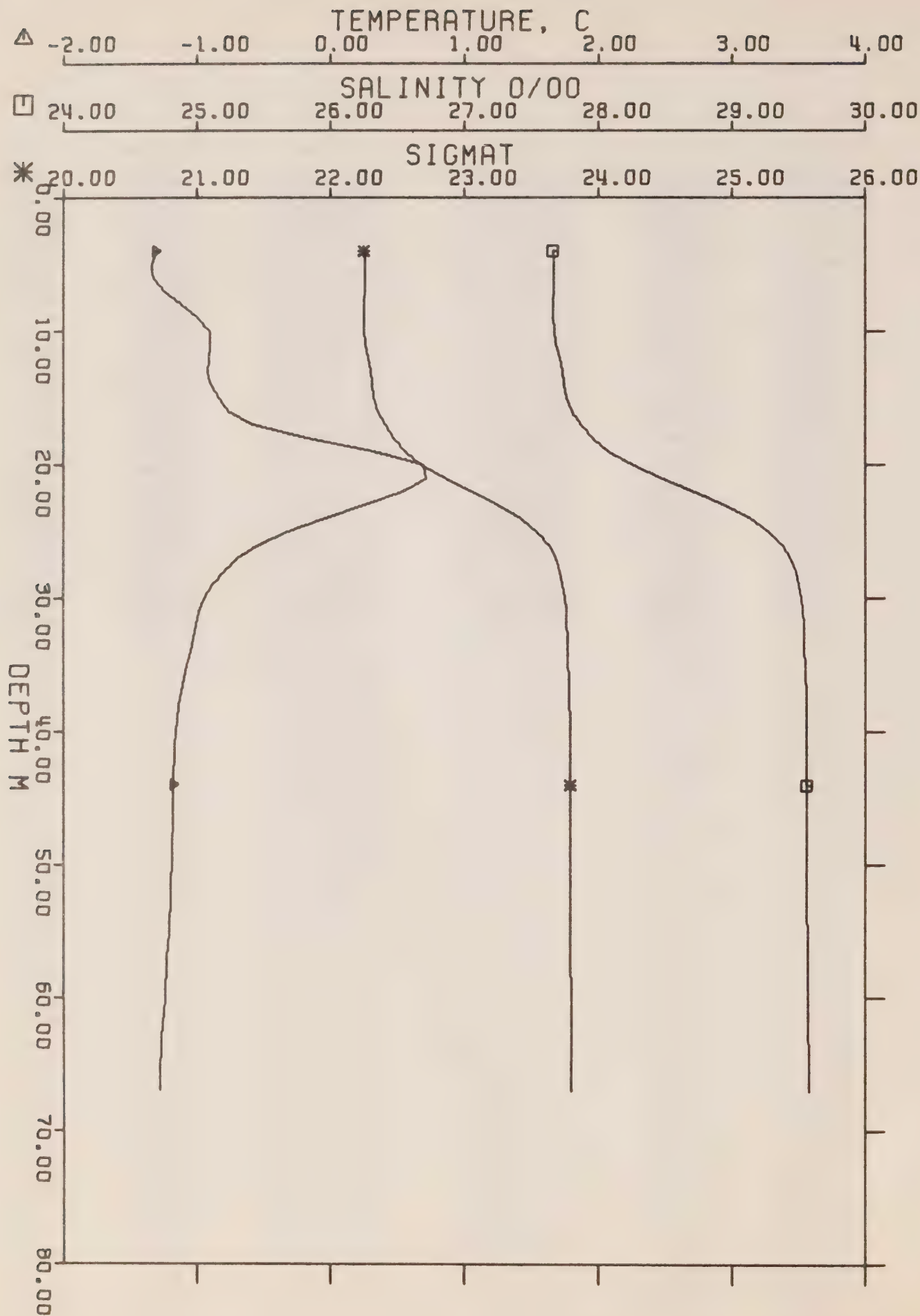
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
17.75	17.98	28.295 U	0.874 U	22.703	1444.3
18.00	18.11	28.364 U	0.921 U	22.757	1444.6
18.25	18.45	28.425 U	0.963 U	22.804	1444.9
18.50	18.66	28.434 U	0.978 U	22.850	1445.1
18.75	18.91	28.546 U	0.965 U	22.901	1445.1
19.00	19.17	28.617 U	0.951 U	22.958	1445.1
19.25	19.41	28.634 U	0.934 U	23.013	1445.2
19.50	19.68	28.745 U	0.900 U	23.063	1445.1
19.75	19.96	28.801 U	0.837 U	23.111	1444.9
20.00	20.19	28.867 U	0.765 U	23.167	1444.6
20.25	20.45	28.925 U	0.699 U	23.216	1444.4
20.50	20.75	28.978 U	0.632 U	23.262	1444.2
20.75	20.96	29.022 U	0.555 U	23.300	1443.9
21.00	21.16	29.075 U	0.470 U	23.346	1443.6
21.25	21.47	29.120 U	0.390 U	23.385	1443.3
21.50	21.65	29.160 U	0.317 U	23.420	1443.0
21.75	21.97	29.194 U	0.237 U	23.451	1442.7
22.00	22.29	29.236 U	0.165 U	23.487	1442.4
22.25	22.43	29.267 U	0.100 U	23.514	1442.2
22.50	22.67	29.294 U	0.035 U	23.538	1441.9
22.75	22.96	29.321 U	-0.036 U	23.562	1441.6
23.00	23.18	29.351 U	-0.098 U	23.589	1441.4
23.25	23.41	29.376 U	-0.156 U	23.611	1441.1
23.50	23.68	29.397 U	-0.212 U	23.629	1440.9
23.75	23.91	29.420 U	-0.270 U	23.650	1440.7
24.00	24.24	29.439 U	-0.322 U	23.666	1440.5
24.25	24.43	29.460 U	-0.372 U	23.685	1440.3
24.50	24.73	29.476 U	-0.428 U	23.699	1440.0
24.75	24.98	29.496 U	-0.477 U	23.717	1439.8
25.00	25.27	29.506 U	-0.528 U	23.726	1439.6
25.25	25.49	29.523 U	-0.579 U	23.741	1439.4
25.50	25.72	29.538 U	-0.633 U	23.755	1439.2
25.75	26.00	29.553 U	-0.673 U	23.768	1439.0
26.00	26.31	29.559 U	-0.713 U	23.774	1438.8
26.25	26.54	29.570 U	-0.752 U	23.784	1438.7
26.50	26.72	29.579 U	-0.793 U	23.792	1438.5
26.75	27.05	29.589 U	-0.823 U	23.801	1438.4
27.00	27.30	29.592 U	-0.849 U	23.804	1438.3
27.25	27.52	29.598 U	-0.876 U	23.809	1438.2
27.50	27.73	29.603 U	-0.906 U	23.814	1438.0
27.75	28.04	29.609 U	-0.927 U	23.819	1437.9
28.00	28.25	29.611 U	-0.941 U	23.821	1437.7
28.25	28.58	29.615 U	-0.952 U	23.825	1437.8
28.50	28.86	29.616 U	-0.966 U	23.826	1437.8
28.75	29.09	29.618 U	-0.978 U	23.828	1437.7
29.00	29.31	29.618 U	-0.986 U	23.828	1437.7
29.25	29.53	29.621 U	-0.992 U	23.830	1437.7
29.50	29.84	29.620 U	-1.000 U	23.830	1437.6
29.75	30.04	29.620 U	-1.006 U	23.830	1437.6
30.00	30.35	29.619 U	-1.011 U	23.829	1437.6
30.25	30.54	29.622 U	-1.015 U	23.832	1437.6
30.50	30.82	29.621 U	-1.018 U	23.831	1437.6
30.75	31.09	29.622 U	-1.021 U	23.832	1437.6
31.00	31.29	29.620 U	-1.025 U	23.830	1437.5
31.25	31.63	29.623 U	-1.027 U	23.833	1437.5
31.50	31.88	29.622 U	-1.029 U	23.832	1437.5
31.75	32.09	29.624 U	-1.031 U	23.834	1437.5
32.00	32.30	29.623 U	-1.038 U	23.833	1437.5
32.25	32.53	29.625 U	-1.045 U	23.835	1437.5
32.50	32.95	29.627 U	-1.052 U	23.836	1437.5
32.75	33.05	29.630 U	-1.059 U	23.839	1437.4
33.00	33.39	29.629 U	-1.067 U	23.838	1437.4
33.25	33.61	29.629 U	-1.074 U	23.839	1437.4
33.50	33.85	29.632 U	-1.082 U	23.841	1437.3
33.75	34.15	29.634 U	-1.088 U	23.843	1437.3
34.00	34.49	29.633 U	-1.095 U	23.842	1437.3
34.25	34.58	29.632 U	-1.103 U	23.842	1437.2
34.50	34.89	29.635 U	-1.111 U	23.844	1437.2
34.75	35.12	29.636 U	-1.117 U	23.845	1437.2
35.00	35.33	29.634 U	-1.121 U	23.843	1437.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
35.25	35.61	29.634 U	-1.126 U	23.844	1437.2
35.50	35.90	29.634 U	-1.130 U	23.844	1437.1
35.75	36.15	29.636 U	-1.135 U	23.845	1437.1
36.00	36.33	29.634 U	-1.139 U	23.844	1437.1
36.25	36.65	29.635 U	-1.144 U	23.845	1437.1
36.50	36.90	29.633 U	-1.148 U	23.843	1437.1
36.75	37.13	29.635 U	-1.152 U	23.845	1437.1
37.00	37.38	29.634 U	-1.156 U	23.844	1437.0
37.25	37.62	29.636 U	-1.160 U	23.846	1437.0
37.50	37.87	29.631 U	-1.163 U	23.842	1437.0
37.75	38.17	29.634 U	-1.167 U	23.844	1437.0
38.00	38.45	29.632 U	-1.170 U	23.843	1437.0
38.25	38.71	29.634 U	-1.173 U	23.844	1437.0
38.50	38.90	29.629 U	-1.176 U	23.840	1437.0
38.75	39.13	29.632 U	-1.178 U	23.843	1437.0
39.00	39.45	29.629 U	-1.181 U	23.841	1437.0
39.25	39.63	29.631 U	-1.182 U	23.842	1437.0
39.50	39.88	29.627 U	-1.185 U	23.839	1436.9
39.75	40.17	29.630 U	-1.187 U	23.841	1436.9
40.00	40.38	29.626 U	-1.190 U	23.838	1436.9
40.25	40.65	29.628 U	-1.192 U	23.840	1436.9
40.50	40.98	29.625 U	-1.194 U	23.838	1436.9
40.75	41.14	29.628 U	-1.196 U	23.840	1436.9
41.00	41.49	29.625 U	-1.199 U	23.838	1436.9
41.25	41.63	29.625 U	-1.201 U	23.838	1436.9
41.50	41.96	29.623 U	-1.203 U	23.836	1436.9
41.75	42.19	29.627 U	-1.205 U	23.839	1436.9
42.00	42.47	29.625 U	-1.208 U	23.838	1436.9
42.25	42.68	29.624 U	-1.210 U	23.837	1436.9
42.50	42.98	29.623 U	-1.212 U	23.836	1436.9
42.75	43.21	29.627 U	-1.214 U	23.840	1436.9
43.00	43.50	29.627 U	-1.216 U	23.840	1436.8
43.25	43.71	29.624 U	-1.218 U	23.837	1436.8
43.50	44.03	29.622 U	-1.220 U	23.836	1436.8
43.75	44.20	29.626 U	-1.222 U	23.839	1436.8
44.00	44.54	29.628 U	-1.224 U	23.841	1436.8
44.25	44.69	29.624 U	-1.227 U	23.837	1436.8
44.50	44.98	29.622 U	-1.229 U	23.836	1436.8
44.75	45.23	29.624 U	-1.230 U	23.837	1436.8
45.00	45.45	29.627 U	-1.232 U	23.840	1436.8
45.25	45.71	29.623 U	-1.235 U	23.837	1436.8
45.50	45.93	29.622 U	-1.236 U	23.836	1436.8
45.75	46.23	29.621 U	-1.238 U	23.835	1436.8
46.00	46.51	29.626 U	-1.240 U	23.839	1436.8
46.25	46.69	29.622 U	-1.241 U	23.836	1436.8
46.50	46.97	29.620 U	-1.243 U	23.834	1436.8
46.75	47.24	29.619 U	-1.244 U	23.834	1436.8
47.00	47.49	29.623 U	-1.245 U	23.837	1436.8
47.25	47.81	29.620 U	-1.246 U	23.834	1436.8
47.50	47.97	29.619 U	-1.247 U	23.834	1436.8
47.75	48.25	29.618 U	-1.248 U	23.833	1436.8
48.00	48.48	29.620 U	-1.249 U	23.835	1436.8
48.25	48.83	29.618 U	-1.249 U	23.833	1436.8
48.50	49.00	29.618 U	-1.251 U	23.833	1436.8
48.75	49.26	29.617 U	-1.253 U	23.832	1436.8
49.00	49.53	29.618 U	-1.254 U	23.833	1436.8
49.25	49.82	29.617 U	-1.255 U	23.832	1436.8
49.50	50.03	29.620 U	-1.256 U	23.835	1436.8
49.75	50.23	29.617 U	-1.258 U	23.832	1436.7
50.00	50.61	29.617 U	-1.259 U	23.832	1436.7
50.25	50.76	29.616 U	-1.261 U	23.831	1436.7
50.50	51.08	29.620 U	-1.262 U	23.835	1436.7
50.75	51.30	29.616 U	-1.264 U	23.832	1436.7
51.00	51.52	29.613 U	-1.265 U	23.833	1436.7
51.25	51.83	29.616 U	-1.267 U	23.832	1436.7
51.50	52.12	29.618 U	-1.268 U	23.833	1436.7
51.75	52.28	29.616 U	-1.269 U	23.832	1436.7
52.00	52.58	29.616 U	-1.270 U	23.832	1436.7
52.25	52.82	29.615 U	-1.271 U	23.831	1436.7
52.50	53.04	29.614 U	-1.272 U	23.830	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
52.75	53.34	29.613 U	-1.273 U	23.829	1436.7
53.00	53.57	29.613 U	-1.274 U	23.829	1436.7
53.25	53.78	29.613 U	-1.275 U	23.829	1436.7
53.50	54.11	29.611 U	-1.275 U	23.828	1436.7
53.75	54.33	29.609 U	-1.275 U	23.826	1436.7
54.00	54.59	29.609 U	-1.275 U	23.826	1436.7
54.25	54.83	29.610 U	-1.276 U	23.827	1436.7
54.50	55.05	29.609 U	-1.276 U	23.826	1436.7
54.75	55.33	29.606 U	-1.277 U	23.824	1436.7
55.00	55.60	29.608 U	-1.279 U	23.825	1436.7
55.25	55.86	29.608 U	-1.280 U	23.825	1436.7
55.50	56.15	29.607 U	-1.280 U	23.825	1436.7
55.75	56.34	29.605 U	-1.281 U	23.823	1436.7
56.00	56.58	29.608 U	-1.283 U	23.825	1436.7
56.25	56.91	29.607 U	-1.284 U	23.825	1436.7
56.50	57.10	29.605 U	-1.285 U	23.823	1436.7
56.75	57.43	29.605 U	-1.287 U	23.823	1436.7
57.00	57.61	29.609 U	-1.288 U	23.826	1436.7
57.25	57.93	29.606 U	-1.289 U	23.824	1436.7
57.50	58.11	29.603 U	-1.290 U	23.821	1436.7
57.75	58.40	29.605 U	-1.292 U	23.823	1436.7
58.00	58.65	29.608 U	-1.292 U	23.826	1436.7
58.25	58.94	29.606 U	-1.293 U	23.824	1436.7
58.50	59.09	29.603 U	-1.294 U	23.822	1436.7
58.75	59.40	29.605 U	-1.296 U	23.823	1436.7
59.00	59.66	29.607 U	-1.297 U	23.825	1436.7
59.25	59.88	29.604 U	-1.299 U	23.822	1436.7
59.50	60.13	29.603 U	-1.300 U	23.822	1436.7
59.75	60.36	29.605 U	-1.302 U	23.823	1436.7
60.00	60.72	29.606 U	-1.304 U	23.824	1436.7
60.25	60.90	29.602 U	-1.305 U	23.821	1436.7
60.50	61.21	29.603 U	-1.307 U	23.822	1436.7
60.75	61.41	29.603 U	-1.309 U	23.822	1436.7
61.00	61.69	29.605 U	-1.311 U	23.823	1436.7
61.25	61.89	29.599 U	-1.312 U	23.819	1436.7
61.50	62.13	29.602 U	-1.314 U	23.821	1436.7
61.75	62.47	29.601 U	-1.316 U	23.820	1436.6
62.00	62.70	29.602 U	-1.317 U	23.821	1436.6
62.25	63.00	29.597 U	-1.318 U	23.817	1436.6
62.50	63.18	29.599 U	-1.320 U	23.819	1436.6
62.75	63.45	29.597 U	-1.322 U	23.817	1436.6
63.00	63.69	29.598 U	-1.322 U	23.818	1436.6
63.25	63.93	29.595 U	-1.322 U	23.816	1436.6
63.50	64.16	29.596 U	-1.323 U	23.816	1436.6
63.75	64.47	29.594 U	-1.324 U	23.815	1436.6
64.00	64.70	29.594 U	-1.324 U	23.815	1436.6
64.25	65.00	29.593 U	-1.325 U	23.814	1436.6
64.50	65.20	29.593 U	-1.326 U	23.814	1436.6
64.75	65.45	29.592 U	-1.326 U	23.813	1436.6
65.00	65.75	29.592 U	-1.326 U	23.813	1436.6
65.25	66.00	29.592 U	-1.326 U	23.813	1436.6
65.50	66.25	29.591 U	-1.327 U	23.812	1436.6
65.75	66.50	29.591 U	-1.327 U	23.812	1436.6
66.00	66.75	29.590 U	-1.328 U	23.812	1436.6
66.25	67.00	29.590 U	-1.328 U	23.812	1436.6
66.50	67.20	29.590 U	-1.328 U	23.812	1436.7
66.75	67.55	29.590 U	-1.329 U	23.812	1436.7
67.00	67.80	29.589 U	-1.329 U	23.811	1436.7
67.25	68.05	29.589 U	-1.329 U	23.811	1436.7
67.50	68.25	29.589 U	-1.330 U	23.811	1436.7
67.75	68.55	29.589 U	-1.331 U	23.811	1436.7
68.00	68.75	29.588 U	-1.331 U	23.810	1436.7
68.25	69.05	29.588 U	-1.331 U	23.810	1436.7
68.50	69.20	29.588 U	-1.332 U	23.810	1436.7
68.75	69.50	29.588 U	-1.332 U	23.810	1436.7
69.00	69.80	29.587 U	-1.332 U	23.809	1436.7
69.25	70.00	29.587 U	-1.333 U	23.809	1436.7
69.50	70.25	29.587 U	-1.334 U	23.809	1436.7
69.75	70.60	29.587 U	-1.334 U	23.809	1436.7
70.00	70.75	29.587 U	-1.335 U	23.809	1436.7

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
70.25	71.00	29.587 U	-1.336 U	23.809	1436.7
70.50	71.35	29.587 U	-1.336 U	23.809	1436.7
70.75	71.60	29.587 U	-1.336 U	23.809	1436.7
71.00	71.75	29.586 U	-1.337 U	23.809	1436.7
71.25	72.00	29.586 U	-1.339 U	23.809	1436.7
71.50	72.35	29.587 U	-1.339 U	23.809	1436.7
71.75	72.60	29.586 U	-1.339 U	23.809	1436.7
72.00	72.75	29.586 U	-1.340 U	23.809	1436.7
72.25	73.05	29.586 U	-1.342 U	23.809	1436.7
72.50	73.35	29.586 U	-1.341 U	23.809	1436.7
72.75	73.50	29.586 U	-1.341 U	23.809	1436.7
73.00	73.80	29.535 U	-1.342 U	23.808	1436.7
73.25	74.05	29.535 U	-1.343 U	23.808	1436.7
73.50	74.25	29.535 U	-1.343 U	23.808	1436.7
73.75	74.50	29.535 U	-1.342 U	23.808	1436.7
74.00	74.75	29.584 U	-1.343 U	23.807	1436.7
74.25	75.10	29.534 U	-1.343 U	23.807	1436.7
74.50	75.30	29.584 U	-1.343 U	23.807	1436.7
74.75	75.65	29.584 U	-1.343 U	23.807	1436.7
75.00	75.85	29.583 U	-1.343 U	23.806	1436.7
75.25	76.05	29.583 U	-1.343 U	23.806	1436.7
75.50	76.35	29.583 U	-1.343 U	23.806	1436.7
75.75	76.60	29.582 U	-1.342 U	23.805	1436.7
76.00	76.80	29.583 U	-1.343 U	23.806	1436.7
76.25	77.05	29.583 U	-1.342 U	23.806	1436.7
76.50	77.35	29.582 U	-1.342 U	23.805	1436.7
76.75	77.60	29.582 U	-1.342 U	23.805	1436.7

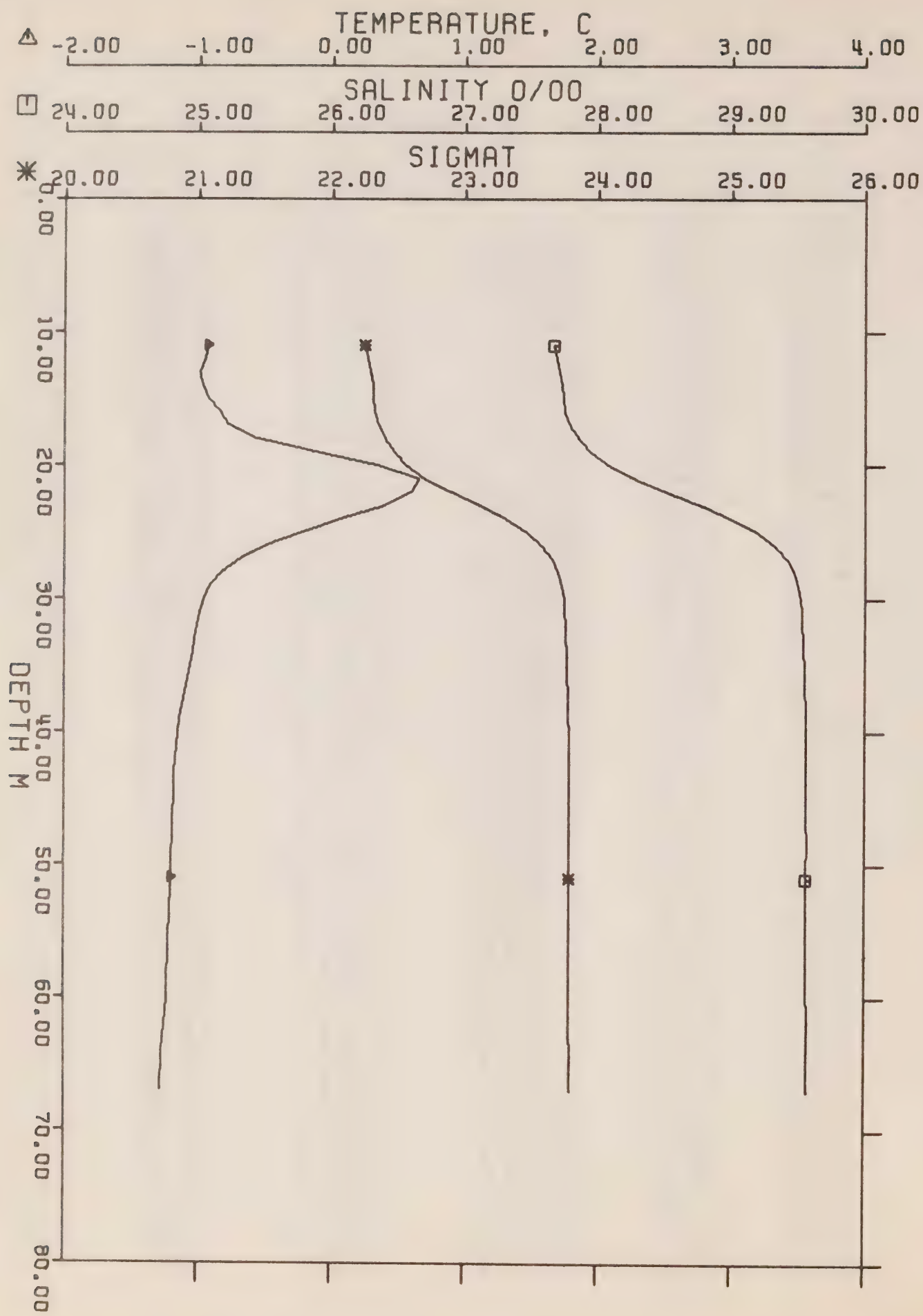
EXPERIMENT 363



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 363
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 291171 LOCAL TIME 2200

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	3.99	27.661 E	-1.310 D	22.252	1433.0
5.00	5.05	27.670 E	-1.343 D	22.259	1432.9
6.00	6.08	27.674 E	-1.322 E	22.262	1433.0
7.00	7.06	27.669 E	-1.242 E	22.257	1433.4
8.00	8.12	27.664 E	-1.111 E	22.252	1434.0
9.00	9.08	27.661 E	-0.990 E	22.248	1434.6
10.00	10.07	27.669 E	-0.902 E	22.253	1435.1
11.00	11.12	27.683 E	-0.900 E	22.264	1435.1
12.00	12.08	27.707 E	-0.911 E	22.284	1435.1
13.00	13.11	27.727 E	-0.924 E	22.300	1435.1
14.00	14.15	27.739 E	-0.891 E	22.309	1435.3
15.00	15.12	27.756 E	-0.830 E	22.322	1435.6
16.00	16.10	27.797 G	-0.761 E	22.354	1436.0
17.00	17.10	27.867 G	-0.580 E	22.406	1437.0
18.00	18.11	27.964 G	-0.168 E	22.474	1439.1
19.00	19.15	28.085 G	0.333 E	22.556	1441.6
20.00	20.15	28.259 G	0.703 E	22.682	1443.5
21.00	21.16	28.476 F	0.719 F	22.855	1443.9
22.00	22.21	28.721 E	0.536 E	23.059	1443.4
23.00	23.20	28.948 E	0.254 C	23.252	1442.5
24.00	24.14	29.141 F	-0.038 C	23.418	1441.4
25.00	25.18	29.284 F	-0.322 C	23.542	1440.3
26.00	26.16	29.383 F	-0.543 C	23.628	1439.4
27.00	27.20	29.442 E	-0.696 D	23.679	1438.8
28.00	28.21	29.479 E	-0.801 D	23.711	1438.4
29.00	29.22	29.502 E	-0.887 C	23.732	1438.0
30.00	30.22	29.520 E	-0.949 C	23.748	1437.7
31.00	31.22	29.530 E	-0.991 C	23.757	1437.6
32.00	32.29	29.537 E	-1.009 C	23.763	1437.5
33.00	33.25	29.540 E	-1.030 C	23.766	1437.4
34.00	34.27	29.545 E	-1.052 C	23.770	1437.4
35.00	35.32	29.549 E	-1.076 C	23.774	1437.3
36.00	36.32	29.554 E	-1.099 C	23.778	1437.2
37.00	37.30	29.558 E	-1.123 C	23.782	1437.1
38.00	38.37	29.560 E	-1.141 C	23.784	1437.0
39.00	39.34	29.562 E	-1.151 C	23.786	1437.0
40.00	40.28	29.562 E	-1.160 C	23.786	1437.0
41.00	41.38	29.562 E	-1.166 C	23.786	1437.0
42.00	42.37	29.562 E	-1.173 C	23.786	1436.9
43.00	43.36	29.561 E	-1.177 C	23.786	1436.9
44.00	44.37	29.561 E	-1.181 C	23.786	1436.9
45.00	45.36	29.562 E	-1.183 C	23.786	1436.9
46.00	46.41	29.563 E	-1.183 C	23.787	1437.0
47.00	47.46	29.563 E	-1.183 C	23.787	1437.0
48.00	48.43	29.562 E	-1.186 C	23.787	1437.0
49.00	49.40	29.561 E	-1.190 C	23.786	1437.0
50.00	50.42	29.561 E	-1.194 C	23.786	1437.0
51.00	51.46	29.562 E	-1.198 C	23.787	1437.0
52.00	52.46	29.562 E	-1.201 C	23.787	1437.0
53.00	53.45	29.564 E	-1.205 C	23.788	1437.0
54.00	54.49	29.565 E	-1.210 C	23.789	1437.0
55.00	55.51	29.566 E	-1.215 C	23.790	1437.0
56.00	56.50	29.566 E	-1.220 C	23.790	1437.0
57.00	57.50	29.567 E	-1.227 C	23.791	1436.9
58.00	58.52	29.570 E	-1.234 C	23.794	1436.9
59.00	59.56	29.572 E	-1.240 C	23.796	1436.9
60.00	60.57	29.573 E	-1.245 C	23.796	1436.9
61.00	61.55	29.573 E	-1.251 C	23.797	1436.9
62.00	62.59	29.574 E	-1.259 C	23.797	1436.9
63.00	63.55	29.575 E	-1.267 C	23.798	1436.9
64.00	64.63	29.577 E	-1.274 C	23.800	1436.8
65.00	65.63	29.579 E	-1.278 C	23.802	1436.8
66.00	66.64	29.579 E	-1.282 C	23.802	1436.8

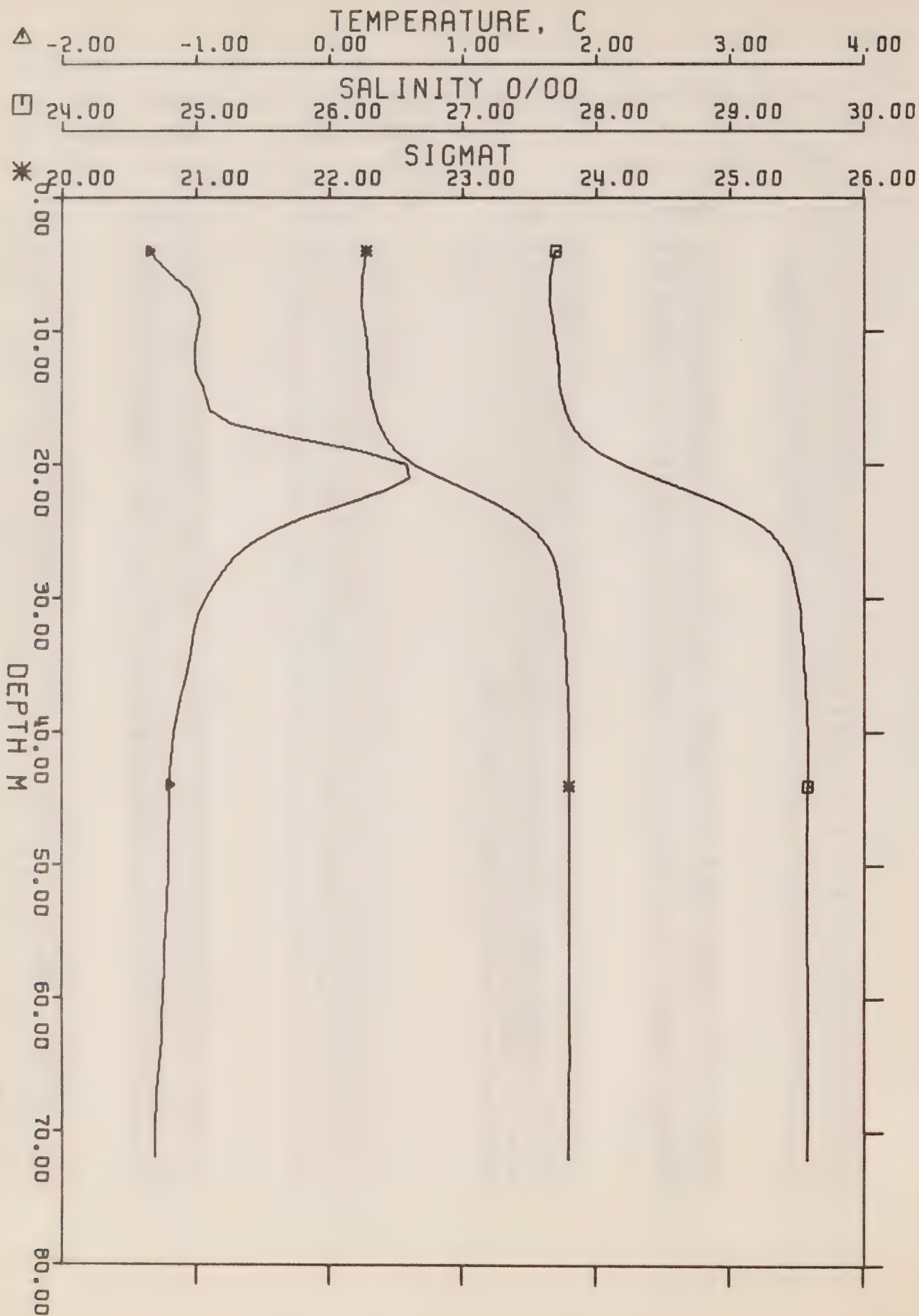
EXPERIMENT 364



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 364
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 301171 LOCAL TIME 1015

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
11.00	10.95	27.670 E	-0.934 C	22.254	1434.9
12.00	12.00	27.694 E	-0.952 C	22.274	1434.9
13.00	13.00	27.715 E	-0.993 C	22.291	1434.8
14.00	13.95	27.734 E	-0.964 E	22.306	1434.9
15.00	15.00	27.736 E	-0.923 E	22.307	1435.1
16.00	16.00	27.752 E	-0.832 D	22.319	1435.6
17.00	16.90	27.789 F	-0.769 D	22.347	1436.0
18.00	17.90	27.858 G	-0.562 E	22.399	1437.1
19.00	19.00	27.955 G	-0.118 D	22.466	1439.3
20.00	19.95	28.088 G	0.353 D	22.558	1441.7
21.00	21.00	28.285 F	0.657 E	22.704	1443.4
22.00	22.00	28.526 E	0.602 E	22.900	1443.5
23.00	23.00	28.787 E	0.397 D	23.118	1442.9
24.00	24.05	29.012 E	0.067 D	23.310	1441.7
25.00	25.00	29.199 F	-0.218 D	23.470	1440.6
26.00	26.05	29.327 F	-0.499 D	23.581	1439.5
27.00	27.10	29.419 F	-0.686 D	23.660	1438.8
28.00	28.05	29.470 F	-0.834 D	23.705	1438.2
29.00	29.15	29.501 E	-0.918 D	23.732	1437.8
30.00	30.10	29.517 E	-0.964 C	23.746	1437.7
31.00	31.15	29.527 E	-0.994 C	23.755	1437.6
32.00	32.10	29.534 E	-1.013 C	23.761	1437.5
33.00	33.10	29.539 E	-1.028 C	23.765	1437.4
34.00	34.20	29.543 E	-1.044 C	23.768	1437.4
35.00	35.10	29.547 E	-1.060 C	23.772	1437.3
36.00	36.15	29.550 E	-1.080 C	23.775	1437.3
37.00	37.15	29.554 E	-1.101 C	23.778	1437.2
38.00	38.25	29.558 E	-1.124 C	23.782	1437.1
39.00	39.20	29.560 E	-1.143 C	23.784	1437.0
40.00	40.30	29.562 E	-1.155 C	23.786	1437.0
41.00	41.25	29.563 E	-1.164 C	23.787	1437.0
42.00	42.20	29.564 E	-1.172 C	23.788	1436.9
43.00	43.25	29.564 E	-1.179 C	23.788	1436.9
44.00	44.25	29.564 E	-1.182 C	23.788	1436.9
45.00	45.25	29.565 E	-1.185 C	23.789	1436.9
46.00	46.30	29.565 E	-1.189 C	23.789	1436.9
47.00	47.30	29.565 E	-1.191 C	23.789	1436.9
48.00	48.30	29.566 E	-1.194 C	23.790	1436.9
49.00	49.25	29.566 E	-1.196 C	23.790	1437.0
50.00	50.30	29.565 E	-1.198 C	23.789	1437.0
51.00	51.35	29.565 E	-1.200 C	23.789	1437.0
52.00	52.40	29.565 E	-1.203 C	23.789	1437.0
53.00	53.35	29.564 E	-1.206 C	23.788	1437.0
54.00	54.40	29.564 E	-1.210 C	23.789	1437.0
55.00	55.40	29.565 E	-1.216 C	23.789	1437.0
56.00	56.40	29.565 E	-1.221 C	23.790	1436.9
57.00	57.50	29.565 E	-1.224 C	23.790	1437.0
58.00	58.40	29.565 E	-1.227 C	23.790	1437.0
59.00	59.55	29.565 E	-1.230 C	23.790	1437.0
60.00	60.45	29.565 E	-1.235 C	23.790	1436.9
61.00	61.45	29.566 E	-1.244 C	23.791	1436.9
62.00	62.45	29.568 E	-1.253 C	23.793	1436.9
63.00	63.50	29.570 E	-1.260 C	23.794	1436.9
64.00	64.50	29.571 E	-1.266 C	23.795	1436.9
65.00	65.50	29.571 E	-1.272 C	23.795	1436.9
66.00	66.50	29.572 E	-1.277 C	23.796	1436.9
67.00	67.55	29.572 E	-1.281 C	23.796	1436.9

EXPERIMENT 368

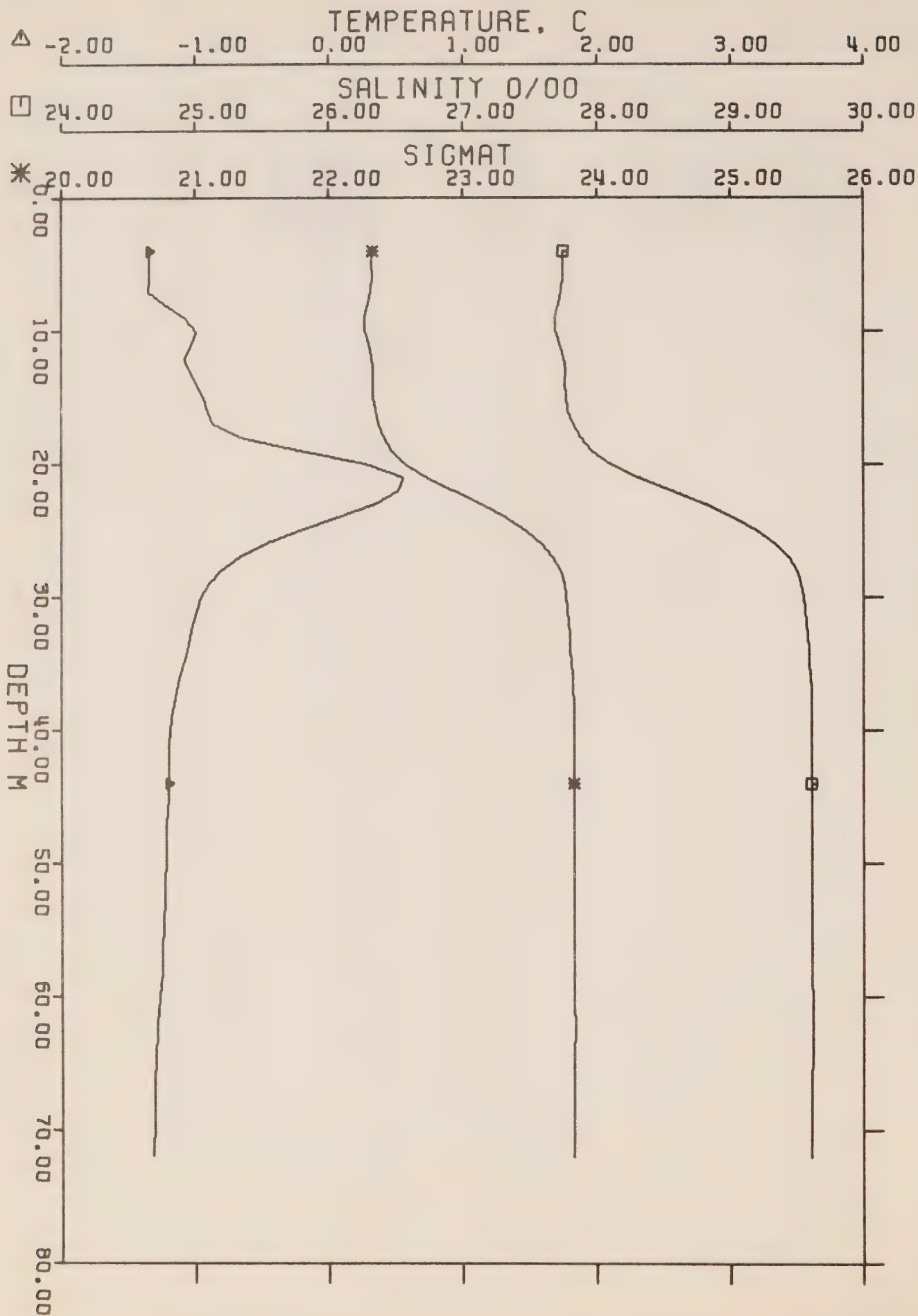


CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 358
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 301171 LOCAL TIME 1605

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.04	27.696 F	-1.348 F	22.280	1432.9
5.00	5.09	27.682 F	-1.265 F	22.268	1433.3
6.00	6.13	27.665 F	-1.160 F	22.253	1433.3
7.00	7.04	27.658 F	-1.037 F	22.246	1434.4
8.00	8.15	27.655 F	-0.985 F	22.243	1434.6
9.00	9.09	27.668 F	-0.963 F	22.253	1434.7
10.00	10.09	27.685 F	-0.988 F	22.267	1434.7
11.00	11.10	27.701 F	-1.013 F	22.280	1434.6
12.00	12.11	27.712 F	-1.014 F	22.289	1434.6
13.00	13.14	27.717 F	-0.998 F	22.293	1434.7
14.00	14.17	27.725 F	-0.952 F	22.299	1435.0
15.00	15.15	27.741 F	-0.917 F	22.311	1435.2
16.00	16.18	27.772 F	-0.890 F	22.336	1435.4
17.00	17.18	27.814 F	-0.730 F	22.367	1436.2
18.00	18.19	27.887 G	-0.277 F	22.415	1438.4
19.00	19.19	28.011 G	0.236 F	22.500	1441.0
20.00	20.25	28.204 G	0.595 F	22.642	1443.0
21.00	21.19	28.448 F	0.606 F	22.837	1443.4
22.00	22.22	28.712 F	0.400 F	23.057	1442.8
23.00	23.26	28.950 F	0.110 F	23.267	1441.8
24.00	24.24	29.156 E	-0.198 D	23.435	1440.7
25.00	25.27	29.296 E	-0.426 D	23.554	1439.8
26.00	26.34	29.384 E	-0.600 D	23.630	1439.1
27.00	27.29	29.439 E	-0.724 E	23.677	1438.6
28.00	28.34	29.472 E	-0.804 E	23.706	1438.3
29.00	29.32	29.493 E	-0.867 C	23.724	1438.1
30.00	30.36	29.510 E	-0.931 C	23.739	1437.8
31.00	31.33	29.526 E	-0.980 C	23.753	1437.5
32.00	32.36	29.535 E	-1.012 C	23.761	1437.5
33.00	33.38	29.542 E	-1.026 C	23.767	1437.5
34.00	34.46	29.547 E	-1.041 C	23.772	1437.4
35.00	35.40	29.553 E	-1.051 C	23.777	1437.3
36.00	36.41	29.559 E	-1.084 C	23.782	1437.3
37.00	37.46	29.565 E	-1.107 C	23.787	1437.2
38.00	38.50	29.570 E	-1.129 C	23.792	1437.1
39.00	39.50	29.574 E	-1.151 C	23.796	1437.0
40.00	40.46	29.578 E	-1.168 C	23.799	1437.0
41.00	41.49	29.580 E	-1.184 C	23.801	1436.9
42.00	42.52	29.581 E	-1.194 C	23.802	1436.9
43.00	43.46	29.581 E	-1.198 C	23.802	1436.9
44.00	44.54	29.580 E	-1.200 C	23.801	1436.9
45.00	45.52	29.579 E	-1.201 C	23.801	1436.9
46.00	46.54	29.577 E	-1.203 C	23.799	1436.9
47.00	47.57	29.576 E	-1.206 C	23.798	1436.9
48.00	48.62	29.575 E	-1.210 C	23.797	1436.9
49.00	49.51	29.575 E	-1.214 C	23.798	1436.9
50.00	50.54	29.575 E	-1.214 C	23.798	1436.9
51.00	51.53	29.575 E	-1.214 C	23.798	1436.9
52.00	52.62	29.575 E	-1.216 C	23.798	1436.9
53.00	53.65	29.575 E	-1.221 C	23.798	1436.9
54.00	54.58	29.574 E	-1.227 C	23.797	1436.9
55.00	55.57	29.573 E	-1.231 C	23.796	1436.9
56.00	56.61	29.573 E	-1.236 C	23.796	1436.9
57.00	57.61	29.574 E	-1.240 C	23.797	1436.9
58.00	58.65	29.576 E	-1.245 C	23.799	1436.9
59.00	59.69	29.577 E	-1.249 C	23.800	1436.9
60.00	60.65	29.577 E	-1.253 C	23.800	1436.9
61.00	61.73	29.578 E	-1.256 C	23.801	1436.9
62.00	62.67	29.579 E	-1.259 C	23.802	1436.9
63.00	63.63	29.581 E	-1.265 C	23.803	1436.9
64.00	64.75	29.583 E	-1.275 C	23.805	1436.9
65.00	65.68	29.583 E	-1.284 C	23.805	1436.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.75	29.580 E	-1.299 C	23.803	1436.8
68.00	69.75	29.579 E	-1.304 C	23.802	1436.8
69.00	69.75	29.579 E	-1.307 C	23.802	1436.8
70.00	70.70	29.578 E	-1.310 C	23.802	1436.8
71.00	71.80	29.578 E	-1.312 C	23.802	1436.8
72.00	72.75	29.578 E	-1.314 C	23.802	1436.8

EXPERIMENT 370

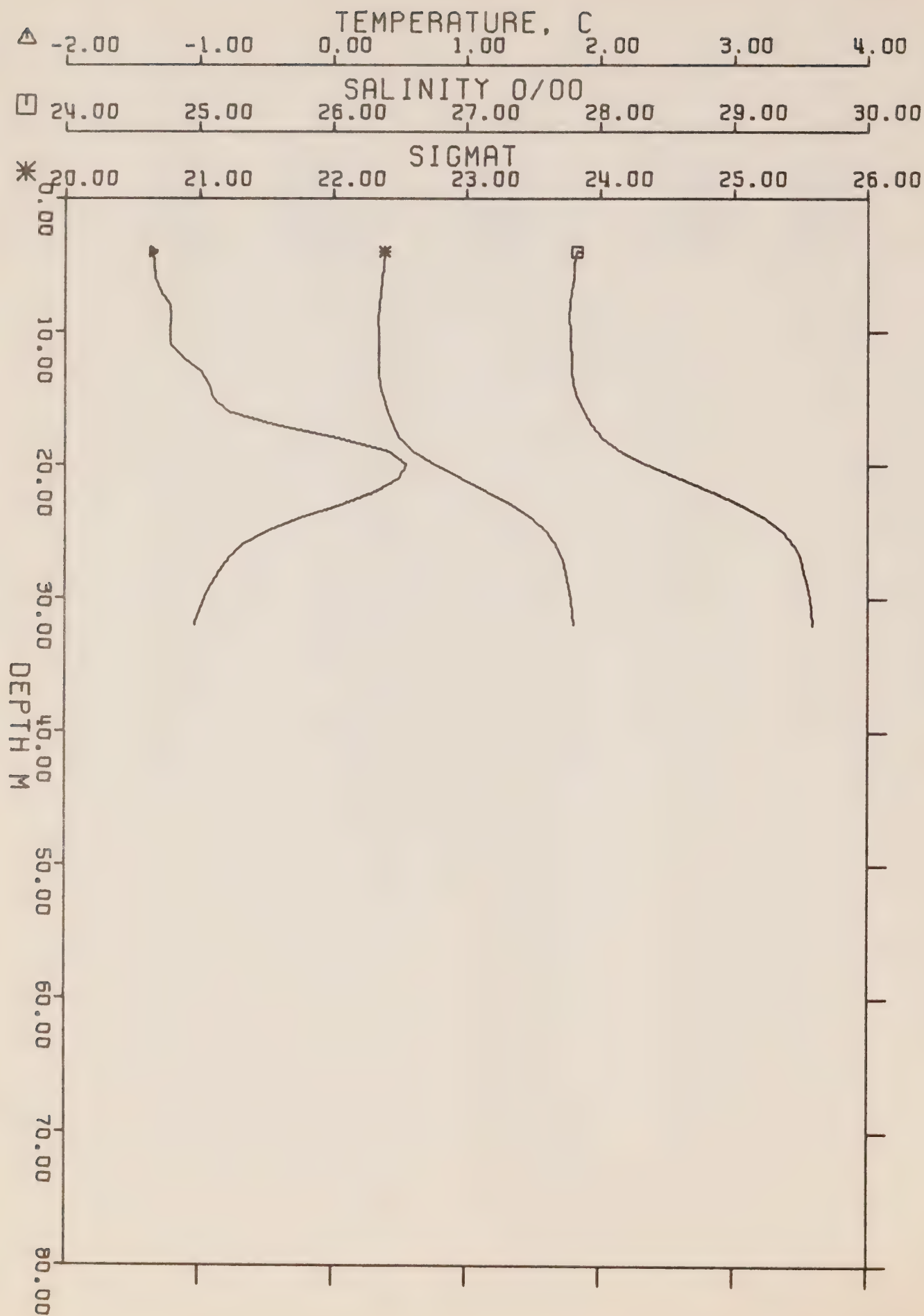


CRUISE 02-71-016 CR2 CAMBRIDGE BAY EXPER. N1. 370
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1025

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	3.98	27.753 F	-1.336 C	22.326	1433.0
5.00	5.07	27.750 F	-1.339 C	22.324	1433.0
6.00	6.00	27.753 F	-1.345 C	22.326	1433.0
7.00	7.02	27.739 F	-1.347 C	22.315	1433.0
8.00	8.02	27.716 F	-1.220 F	22.295	1433.6
9.00	9.00	27.688 F	-1.067 F	22.271	1434.3
10.00	10.05	27.693 F	-0.989 F	22.273	1434.7
11.00	11.06	27.723 F	-1.028 F	22.298	1434.6
12.00	12.08	27.752 F	-1.079 F	22.322	1434.4
13.00	13.13	27.766 F	-1.034 C	22.333	1434.6
14.00	14.11	27.764 F	-0.982 C	22.331	1434.9
15.00	15.16	27.769 F	-0.928 C	22.334	1435.2
16.00	16.17	27.785 F	-0.898 C	22.346	1435.3
17.00	17.17	27.921 F	-0.863 C	22.375	1435.6
18.00	18.13	27.875 G	-0.657 F	22.414	1436.6
19.00	19.13	27.961 G	-0.206 D	22.473	1438.9
20.00	20.23	28.103 G	0.276 D	22.572	1441.3
21.00	21.16	28.315 F	0.559 F	22.732	1443.0
22.00	22.26	28.563 F	0.521 F	22.933	1443.1
23.00	23.22	28.811 F	0.346 F	23.139	1442.7
24.00	24.19	29.024 F	0.067 C	23.320	1441.7
25.00	25.23	29.203 F	-0.218 C	23.473	1440.7
26.00	26.23	29.340 F	-0.483 C	23.591	1439.6
27.00	27.28	29.436 F	-0.672 C	23.674	1438.9
28.00	28.31	29.496 F	-0.807 D	23.725	1438.3
29.00	29.29	29.531 F	-0.898 D	23.756	1438.0
30.00	30.36	29.551 F	-0.956 D	23.773	1437.8
31.00	31.34	29.563 F	-0.994 D	23.784	1437.6
32.00	32.28	29.572 F	-1.016 C	23.791	1437.5
33.00	33.38	29.579 F	-1.036 C	23.797	1437.5
34.00	34.36	29.587 F	-1.063 C	23.804	1437.4
35.00	35.36	29.595 F	-1.093 C	23.811	1437.3
36.00	36.36	29.602 F	-1.120 C	23.818	1437.2
37.00	37.36	29.607 F	-1.144 C	23.822	1437.1
38.00	38.42	29.611 F	-1.163 C	23.826	1437.0
39.00	39.36	29.611 F	-1.179 C	23.826	1436.9
40.00	40.45	29.612 F	-1.189 C	23.827	1436.9
41.00	41.46	29.612 F	-1.196 C	23.827	1436.9
42.00	42.47	29.612 F	-1.200 C	23.827	1436.9
43.00	43.49	29.612 F	-1.200 C	23.827	1436.9
44.00	44.46	29.611 F	-1.200 C	23.826	1436.9
45.00	45.55	29.611 F	-1.204 C	23.826	1436.9
46.00	46.49	29.611 F	-1.210 C	23.827	1436.9
47.00	47.52	29.611 F	-1.216 C	23.827	1436.9
48.00	48.55	29.610 F	-1.218 C	23.826	1436.9
49.00	49.53	29.609 F	-1.220 C	23.825	1436.9
50.00	50.50	29.609 F	-1.223 C	23.825	1436.9
51.00	51.53	29.609 F	-1.227 C	23.825	1436.9
52.00	52.53	29.610 F	-1.230 C	23.826	1436.9
53.00	53.65	29.611 F	-1.235 C	23.827	1436.9
54.00	54.65	29.612 F	-1.238 C	23.828	1436.9
55.00	55.65	29.612 F	-1.243 C	23.828	1436.9
56.00	56.66	29.613 F	-1.247 C	23.829	1436.9
57.00	57.60	29.613 F	-1.251 C	23.829	1436.9
58.00	58.68	29.614 F	-1.254 C	23.830	1436.9
59.00	59.58	29.615 F	-1.260 C	23.831	1436.9
60.00	60.62	29.617 F	-1.269 C	23.832	1436.9
61.00	61.63	29.618 F	-1.279 C	23.833	1436.9
62.00	62.64	29.620 F	-1.287 C	23.835	1436.9
63.00	63.65	29.621 F	-1.293 C	23.836	1436.9
64.00	64.75	29.619 F	-1.298 C	23.835	1436.8
65.00	65.70	29.616 F	-1.303 C	23.832	1436.8
66.00	66.70	29.614 F	-1.307 C	23.831	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.80	29.612 F	-1.310 C	23.829	1436.8
68.00	68.75	29.612 F	-1.313 C	23.829	1436.8
69.00	69.85	29.611 F	-1.314 C	23.828	1436.8
70.00	70.80	29.611 F	-1.315 C	23.828	1436.8
71.00	71.80	29.611 F	-1.316 C	23.828	1436.8
72.00	72.75	29.612 F	-1.317 C	23.829	1436.8

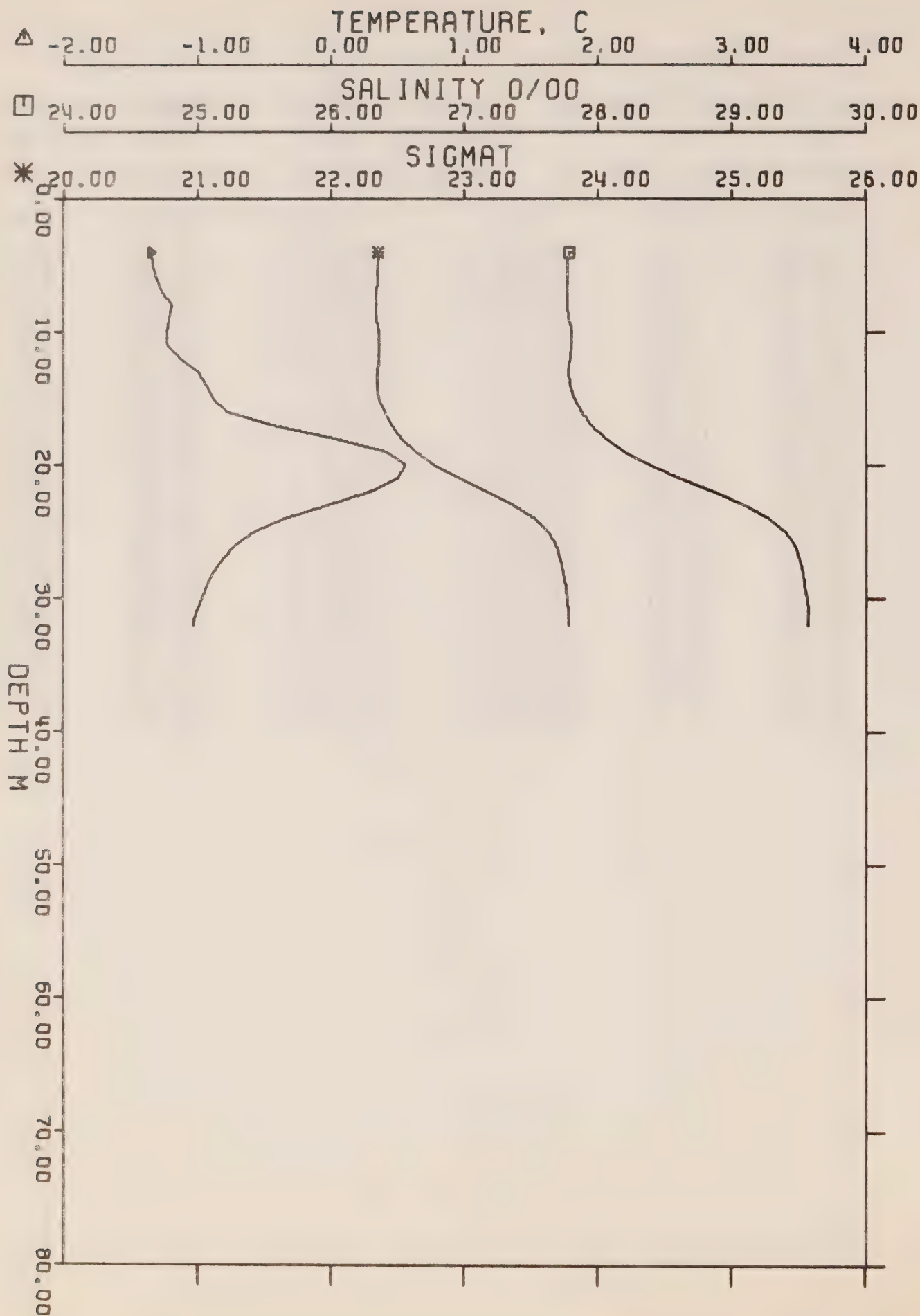
EXPERIMENT 375



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 375
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1520

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.28	27.826 E	-1.347 E	22.385	1433.1
5.00	5.04	27.814 E	-1.342 E	22.376	1433.1
6.00	6.23	27.807 E	-1.330 E	22.370	1433.2
7.00	7.25	27.793 E	-1.294 E	22.358	1433.3
8.00	8.22	27.782 E	-1.219 E	22.348	1433.7
9.00	9.27	27.771 E	-1.212 E	22.339	1433.7
10.00	10.18	27.779 F	-1.223 F	22.346	1433.7
11.00	11.00	27.783 F	-1.216 F	22.349	1433.8
12.00	11.88	27.790 F	-1.117 F	22.354	1434.2
13.00	12.60	27.790 F	-0.992 D	22.352	1434.9
14.00	14.21	27.804 F	-0.927 D	22.362	1435.2
15.00	14.93	27.834 F	-0.897 D	22.386	1435.4
16.00	16.31	27.878 F	-0.792 E	22.419	1436.0
17.00	17.24	27.937 G	-0.451 E	22.460	1437.7
18.00	18.31	28.020 G	0.030 E	22.514	1440.1
19.00	19.33	28.162 G	0.421 D	22.615	1442.1
20.00	20.42	28.364 G	0.563 E	22.772	1443.0
21.00	21.10	28.603 F	0.500 E	22.966	1443.1
22.00	22.10	28.842 E	0.331 E	23.164	1442.6
23.00	22.94	29.057 E	0.067 D	23.346	1441.7
24.00	23.80	29.236 E	-0.235 D	23.500	1440.6
25.00	24.57	29.369 F	-0.489 E	23.615	1439.6
26.00	26.33	29.450 F	-0.667 E	23.685	1438.9
27.00	27.35	29.497 E	-0.765 D	23.725	1438.5
28.00	28.38	29.525 E	-0.844 D	23.750	1438.2
29.00	29.48	29.550 E	-0.896 D	23.771	1438.0
30.00	30.47	29.568 E	-0.948 D	23.787	1437.8
31.00	31.30	29.584 E	-0.986 C	23.800	1437.7
32.00	32.02	29.594 E	-1.026 C	23.809	1437.5

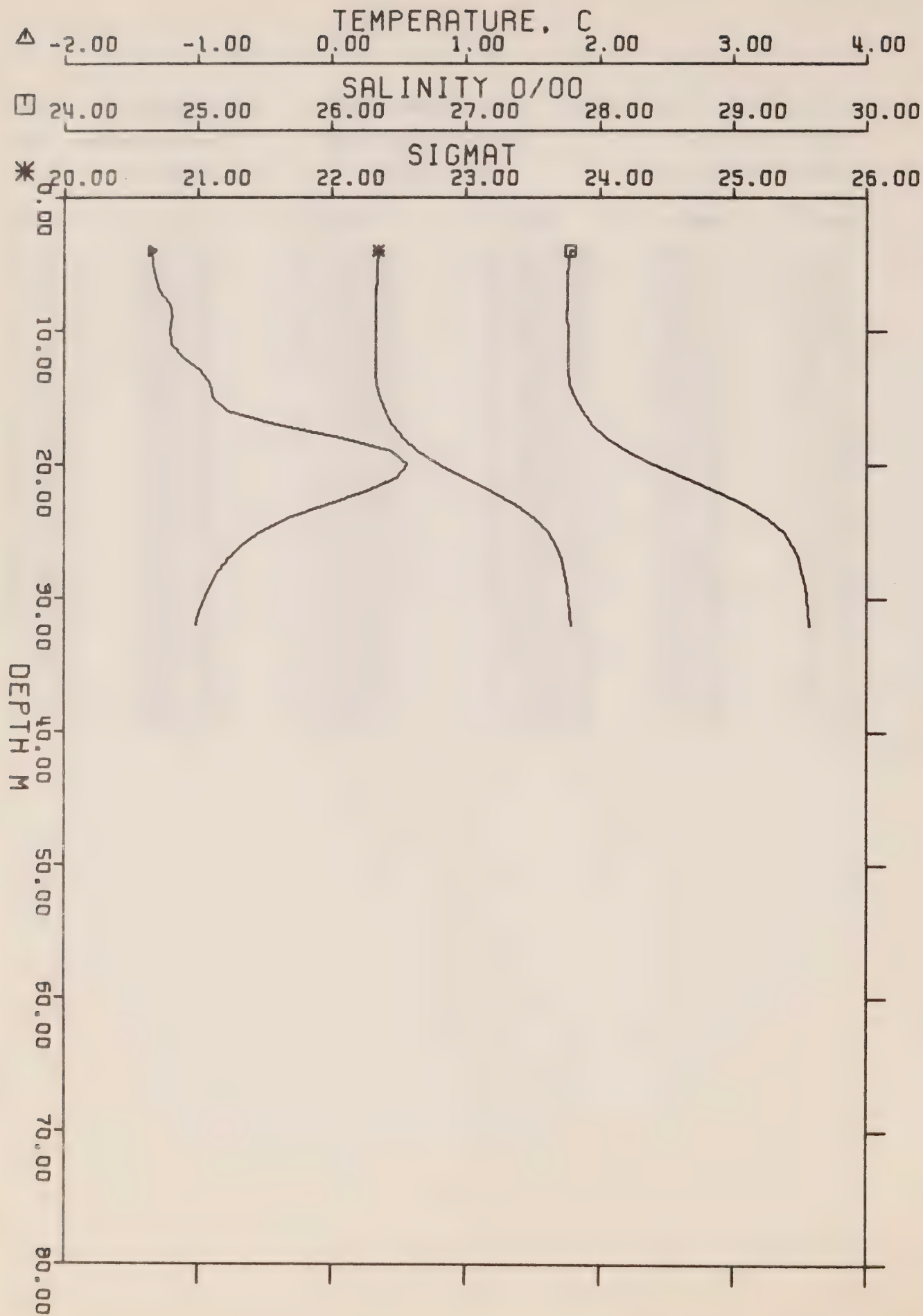
EXPERIMENT 376



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 376
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1525

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.18	27.792 E	-1.347 E	22.358	1433.0
5.00	5.17	27.785 E	-1.343 E	22.352	1433.1
6.00	6.22	27.778 E	-1.308 E	22.346	1433.2
7.00	7.20	27.767 E	-1.266 E	22.337	1433.4
8.00	8.20	27.772 E	-1.186 E	22.340	1433.8
9.00	9.26	27.783 E	-1.208 E	22.349	1433.8
10.00	10.18	27.806 F	-1.230 F	22.368	1433.7
11.00	11.24	27.808 F	-1.227 F	22.370	1433.7
12.00	12.32	27.796 F	-1.132 F	22.359	1434.2
13.00	13.29	27.782 F	-1.004 D	22.346	1434.8
14.00	14.28	27.786 F	-0.936 D	22.348	1435.1
15.00	15.34	27.820 F	-0.891 D	22.374	1435.4
16.00	16.38	27.876 F	-0.778 E	22.418	1436.0
17.00	17.31	27.955 G	-0.441 E	22.474	1437.8
18.00	18.30	28.059 G	0.033 E	22.545	1440.1
19.00	19.34	28.203 G	0.419 D	22.648	1442.1
20.00	20.34	28.393 G	0.570 E	22.795	1443.1
21.00	21.37	28.622 F	0.512 E	22.981	1443.2
22.00	22.40	28.869 E	0.302 E	23.187	1442.6
23.00	23.28	29.100 E	-0.017 D	23.384	1441.4
24.00	24.39	29.283 E	-0.339 D	23.541	1440.2
25.00	25.42	29.400 E	-0.568 D	23.642	1439.3
26.00	26.43	29.466 E	-0.712 D	23.699	1438.7
27.00	27.41	29.503 E	-0.804 D	23.731	1438.4
28.00	28.46	29.526 E	-0.871 D	23.751	1438.1
29.00	29.39	29.543 E	-0.918 D	23.766	1437.9
30.00	30.38	29.556 E	-0.960 D	23.777	1437.7
31.00	31.44	29.566 E	-0.995 C	23.786	1437.6
32.00	32.47	29.574 E	-1.026 C	23.793	1437.5

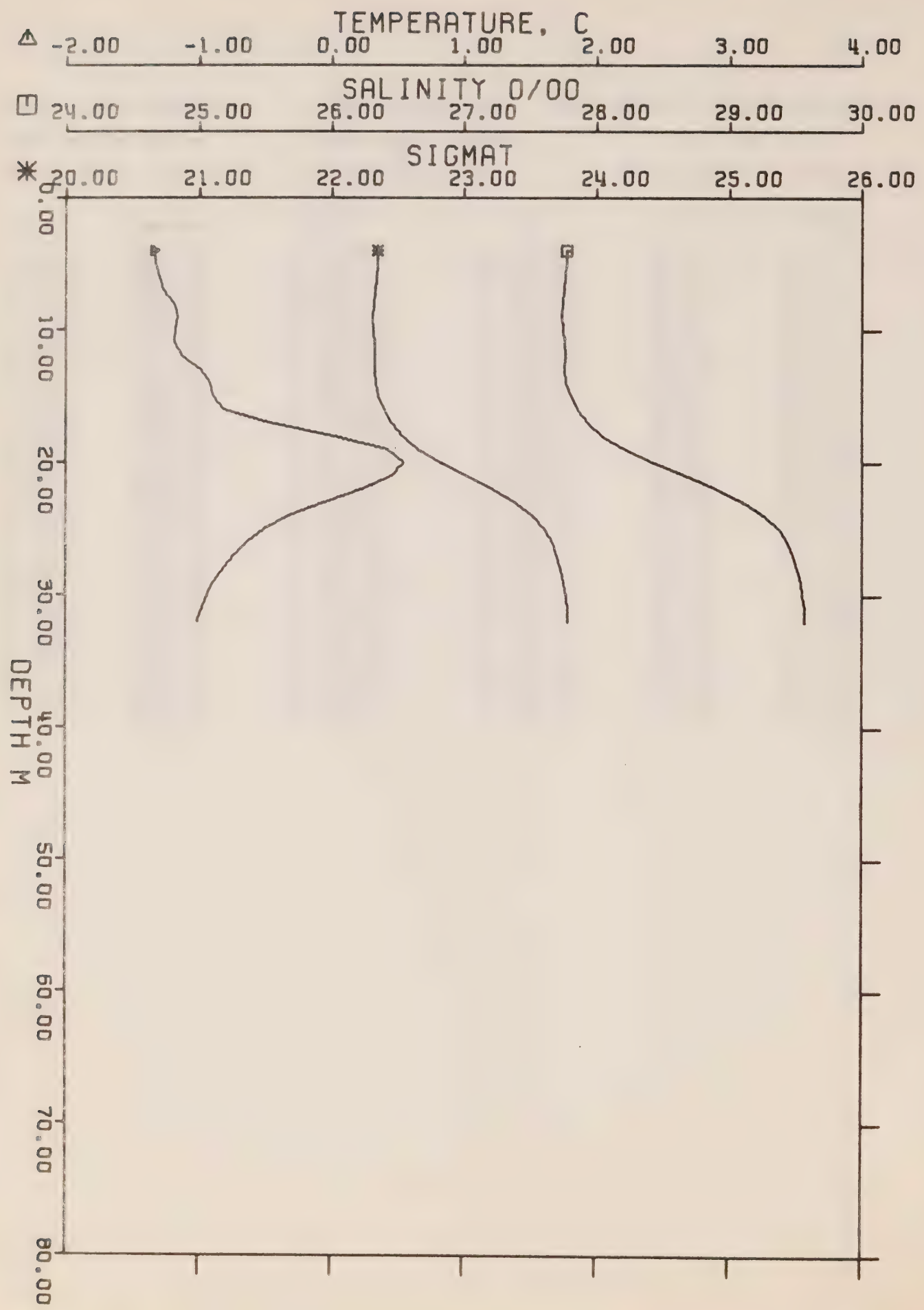
EXPERIMENT 377



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 377
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1532

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.20	27.777 E	-1.347 E	22.346	1433.0
5.00	5.20	27.770 E	-1.343 E	22.340	1433.0
6.00	6.25	27.765 E	-1.320 E	22.336	1433.2
7.00	7.26	27.757 E	-1.286 E	22.329	1433.3
8.00	8.27	27.756 E	-1.213 E	22.327	1433.7
9.00	9.23	27.754 E	-1.191 E	22.325	1433.8
10.00	10.30	27.762 F	-1.208 F	22.332	1433.8
11.00	11.20	27.764 F	-1.196 F	22.334	1433.8
12.00	12.29	27.764 F	-1.109 F	22.332	1434.3
13.00	13.24	27.760 E	-0.975 D	22.327	1434.9
14.00	14.25	27.773 E	-0.909 D	22.337	1435.3
15.00	15.29	27.809 E	-0.892 D	22.366	1435.4
16.00	16.35	27.867 E	-0.775 E	22.410	1436.0
17.00	17.39	27.944 F	-0.417 E	22.465	1437.9
18.00	18.28	28.052 G	0.069 E	22.538	1440.3
19.00	19.35	28.210 G	0.450 D	22.652	1442.3
20.00	20.40	28.414 F	0.566 E	22.812	1443.1
21.00	21.37	28.650 F	0.487 E	23.004	1443.1
22.00	22.39	28.883 E	0.261 E	23.200	1442.4
23.00	23.36	29.097 E	-0.026 D	23.382	1441.4
24.00	24.45	29.260 E	-0.318 D	23.522	1440.3
25.00	25.38	29.375 E	-0.517 D	23.620	1439.5
26.00	26.46	29.443 E	-0.663 D	23.679	1438.9
27.00	27.39	29.487 E	-0.759 D	23.717	1438.5
28.00	28.46	29.515 E	-0.837 D	23.741	1438.2
29.00	29.46	29.536 E	-0.892 D	23.760	1438.0
30.00	30.46	29.550 E	-0.942 D	23.772	1437.8
31.00	31.53	29.563 E	-0.976 C	23.783	1437.7
32.00	32.51	29.573 E	-1.010 C	23.792	1437.6

EXPERIMENT 378



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 378
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1538

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.23	27.784 E	-1.339 E	22.351	1433.1
5.00	5.20	27.778 E	-1.329 E	22.346	1433.1
6.00	6.23	27.773 E	-1.304 E	22.342	1433.2
7.00	7.25	27.761 E	-1.269 E	22.332	1433.4
8.00	8.22	27.749 F	-1.188 F	22.321	1433.8
9.00	9.22	27.740 F	-1.157 F	22.314	1433.9
10.00	10.26	27.748 F	-1.182 F	22.320	1433.9
11.00	11.28	27.761 F	-1.189 F	22.331	1433.9
12.00	12.27	27.766 F	-1.128 F	22.334	1434.2
13.00	13.32	27.764 E	-0.993 D	22.331	1434.8
14.00	14.27	27.773 E	-0.923 D	22.337	1435.2
15.00	15.28	27.808 E	-0.903 D	22.365	1435.3
16.00	16.38	27.862 E	-0.821 E	22.407	1435.8
17.00	17.41	27.939 F	-0.479 E	22.462	1437.6
18.00	18.31	28.047 G	0.013 E	22.536	1440.0
19.00	19.39	28.217 G	0.432 D	22.658	1442.2
20.00	20.39	28.437 F	0.555 E	22.830	1443.1
21.00	21.40	28.687 E	0.464 E	23.035	1443.0
22.00	22.40	28.921 E	0.229 E	23.231	1442.3
23.00	23.43	29.124 F	-0.046 D	23.404	1441.3
24.00	24.41	29.272 F	-0.315 D	23.532	1440.3
25.00	25.37	29.376 E	-0.496 D	23.621	1439.6
26.00	26.42	29.439 E	-0.633 D	23.675	1439.1
27.00	27.43	29.483 E	-0.731 D	23.713	1438.7
28.00	28.44	29.514 E	-0.814 D	23.740	1438.3
29.00	29.44	29.538 E	-0.879 D	23.761	1438.1
30.00	30.49	29.555 E	-0.934 D	23.776	1437.9
31.00	31.47	29.568 E	-0.973 C	23.787	1437.7
32.00	32.44	29.575 E	-1.009 C	23.794	1437.6

TEMPERATURE, C

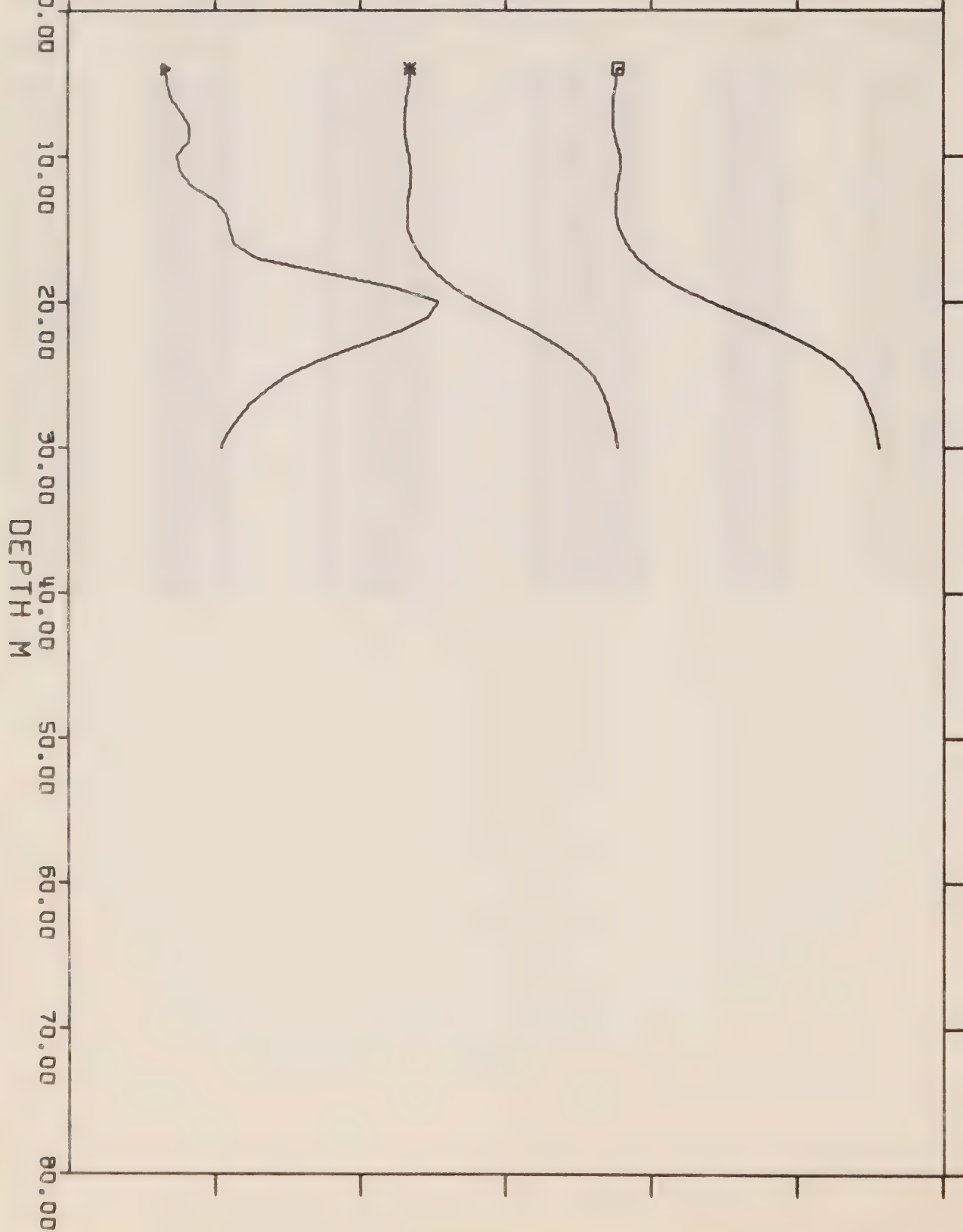
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24.00 25.00 26.00 27.00 28.00 29.00 30.00

SIGMAT

20.00 21.00 22.00 23.00 24.00 25.00 26.00

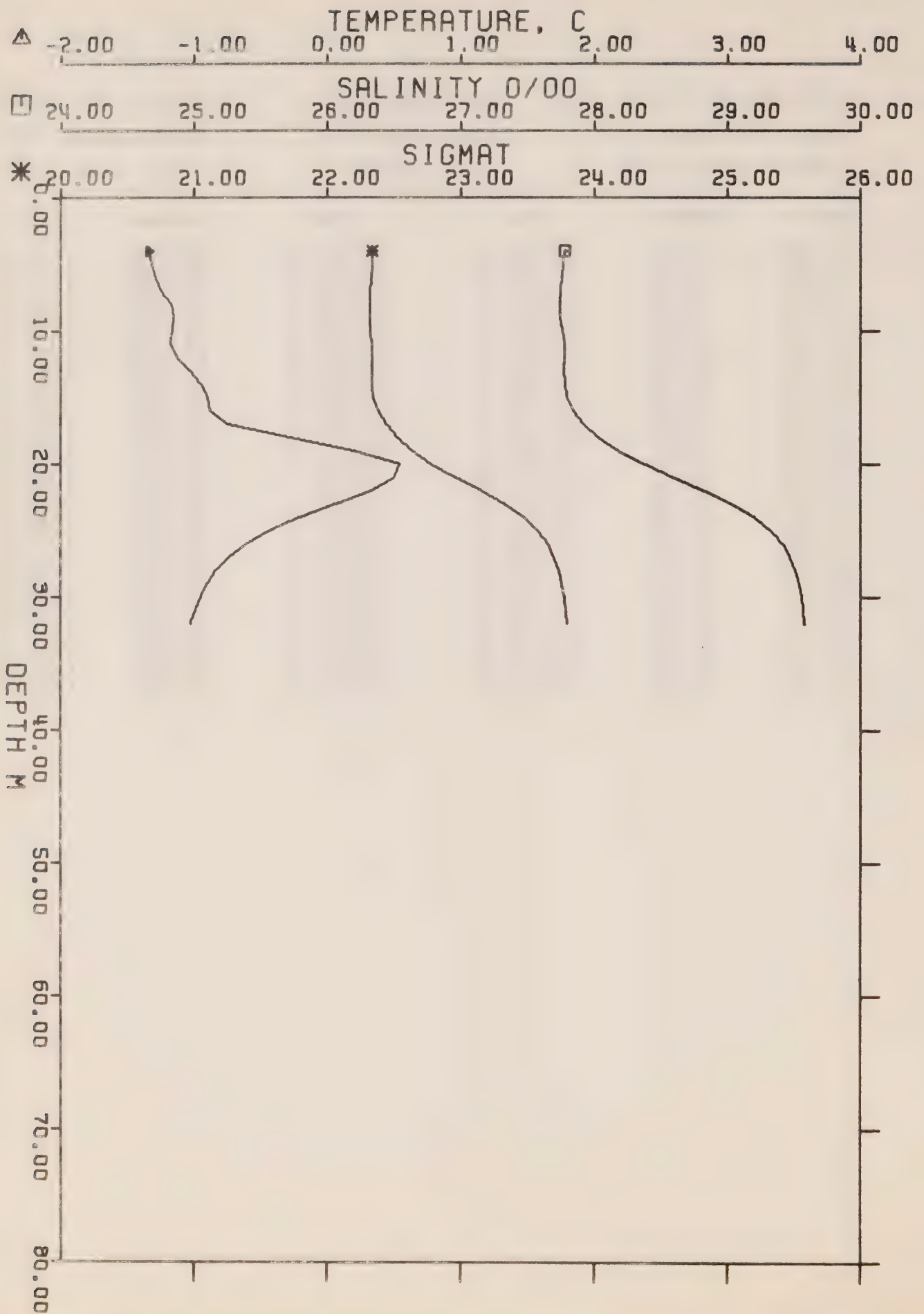


EXPERIMENT 379

CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NC. 379
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1543

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.21	27.777 F	-1.343 F	22.346	1433.0
5.00	5.20	27.767 F	-1.331 F	22.338	1433.1
6.00	6.24	27.750 F	-1.299 F	22.323	1433.2
7.00	7.30	27.740 F	-1.228 F	22.315	1433.6
8.00	8.22	27.738 F	-1.169 F	22.312	1433.9
9.00	9.33	27.765 F	-1.166 D	22.334	1433.9
10.00	10.31	27.786 E	-1.257 D	22.352	1433.6
11.00	11.32	27.799 G	-1.243 G	22.362	1433.7
12.00	12.30	27.781 G	-1.161 G	22.347	1434.0
13.00	13.29	27.766 F	-0.995 D	22.332	1434.8
14.00	14.38	27.763 F	-0.922 D	22.329	1435.2
15.00	15.31	27.783 E	-0.897 D	22.345	1435.3
16.00	16.37	27.832 E	-0.872 D	22.384	1435.5
17.00	17.32	27.908 F	-0.712 F	22.442	1436.4
18.00	18.32	28.031 G	-0.236 F	22.530	1438.8
19.00	19.40	28.195 G	0.243 F	22.648	1441.3
20.00	20.39	28.412 F	0.548 F	22.811	1443.0
21.00	21.36	28.652 F	0.481 F	23.006	1443.1
22.00	22.44	28.886 F	0.276 F	23.202	1442.5
23.00	23.40	29.088 E	0.002 E	23.374	1441.5
24.00	24.45	29.247 E	-0.274 D	23.510	1440.4
25.00	25.41	29.361 E	-0.488 D	23.608	1439.6
26.00	26.49	29.436 E	-0.634 D	23.673	1439.0
27.00	27.52	29.484 E	-0.745 D	23.714	1438.6
28.00	28.46	29.518 E	-0.832 D	23.744	1438.3
29.00	29.45	29.543 E	-0.899 D	23.765	1438.0
30.00	30.55	29.561 E	-0.951 D	23.781	1437.8

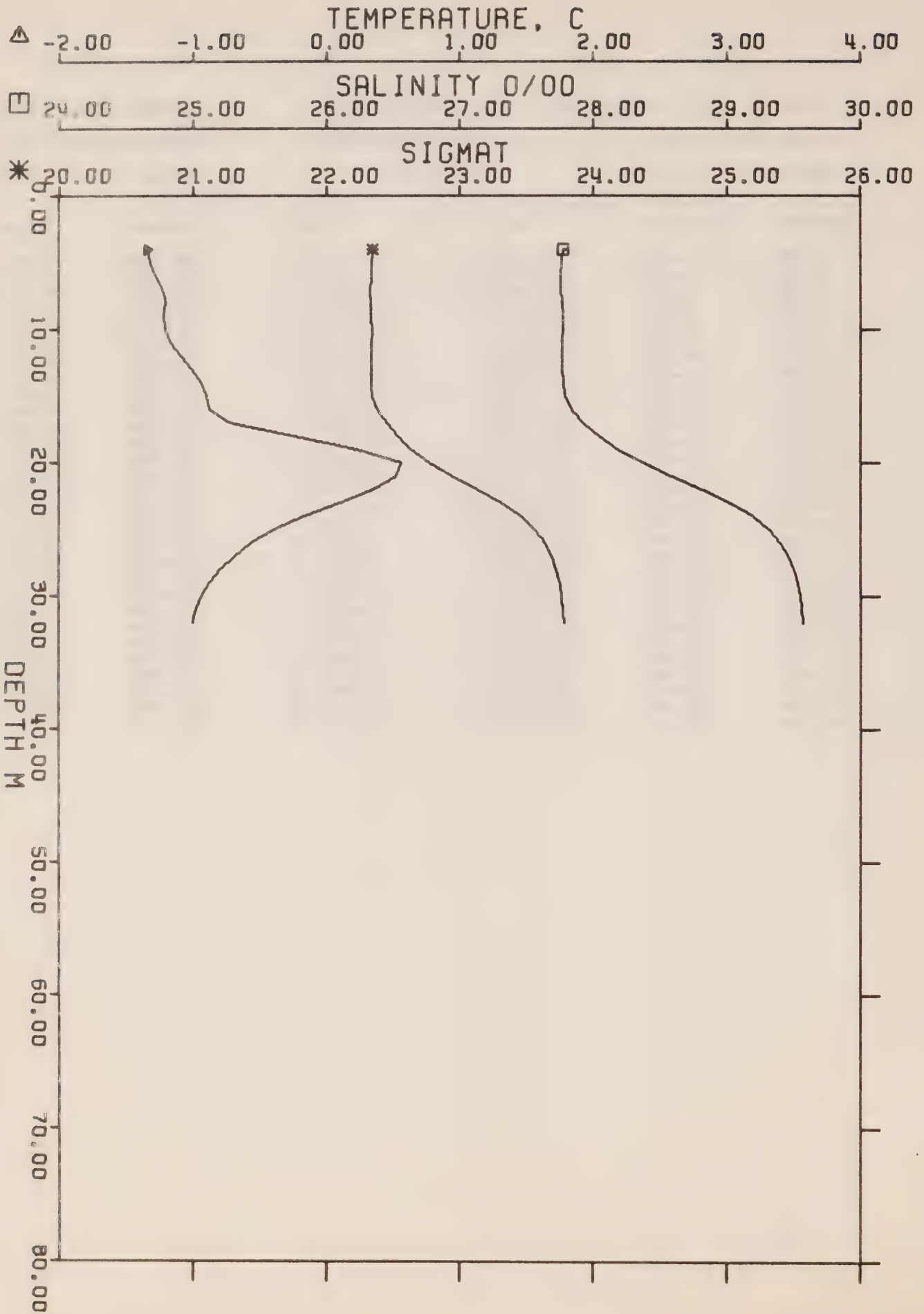
EXPERIMENT 380



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 380
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1549

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.28	27.776 E	-1.342 E	22.345	1433.0
5.00	5.22	27.766 E	-1.325 E	22.337	1433.1
6.00	6.30	27.760 E	-1.288 E	22.331	1433.3
7.00	7.33	27.747 E	-1.251 E	22.321	1433.5
8.00	8.35	27.743 F	-1.172 F	22.316	1433.9
9.00	9.26	27.745 F	-1.155 F	22.318	1434.0
10.00	10.25	27.763 F	-1.161 F	22.332	1434.0
11.00	11.28	27.776 F	-1.179 F	22.343	1433.9
12.00	12.29	27.776 F	-1.133 F	22.342	1434.2
13.00	13.34	27.773 F	-1.029 E	22.339	1434.7
14.00	14.35	27.776 F	-0.951 E	22.340	1435.1
15.00	15.30	27.794 E	-0.904 E	22.354	1435.3
16.00	16.37	27.841 E	-0.876 E	22.391	1435.5
17.00	17.40	27.916 F	-0.745 F	22.449	1436.3
18.00	18.41	28.035 G	-0.279 F	22.535	1438.6
19.00	19.38	28.179 G	0.203 F	22.636	1441.1
20.00	20.44	28.377 G	0.552 F	22.782	1443.0
21.00	21.40	28.596 F	0.511 F	22.960	1443.1
22.00	22.40	28.832 F	0.336 F	23.156	1442.7
23.00	23.36	29.040 E	0.073 E	23.333	1441.7
24.00	24.48	29.211 E	-0.198 D	23.479	1440.7
25.00	25.47	29.333 E	-0.429 D	23.584	1439.9
26.00	26.50	29.416 E	-0.598 D	23.656	1439.2
27.00	27.44	29.472 E	-0.727 D	23.704	1438.7
28.00	28.46	29.512 E	-0.826 D	23.739	1438.3
29.00	29.54	29.540 E	-0.891 D	23.763	1438.0
30.00	30.49	29.558 E	-0.942 D	23.778	1437.8
31.00	31.45	29.571 E	-0.981 C	23.790	1437.7
32.00	32.47	29.578 E	-1.017 C	23.796	1437.5

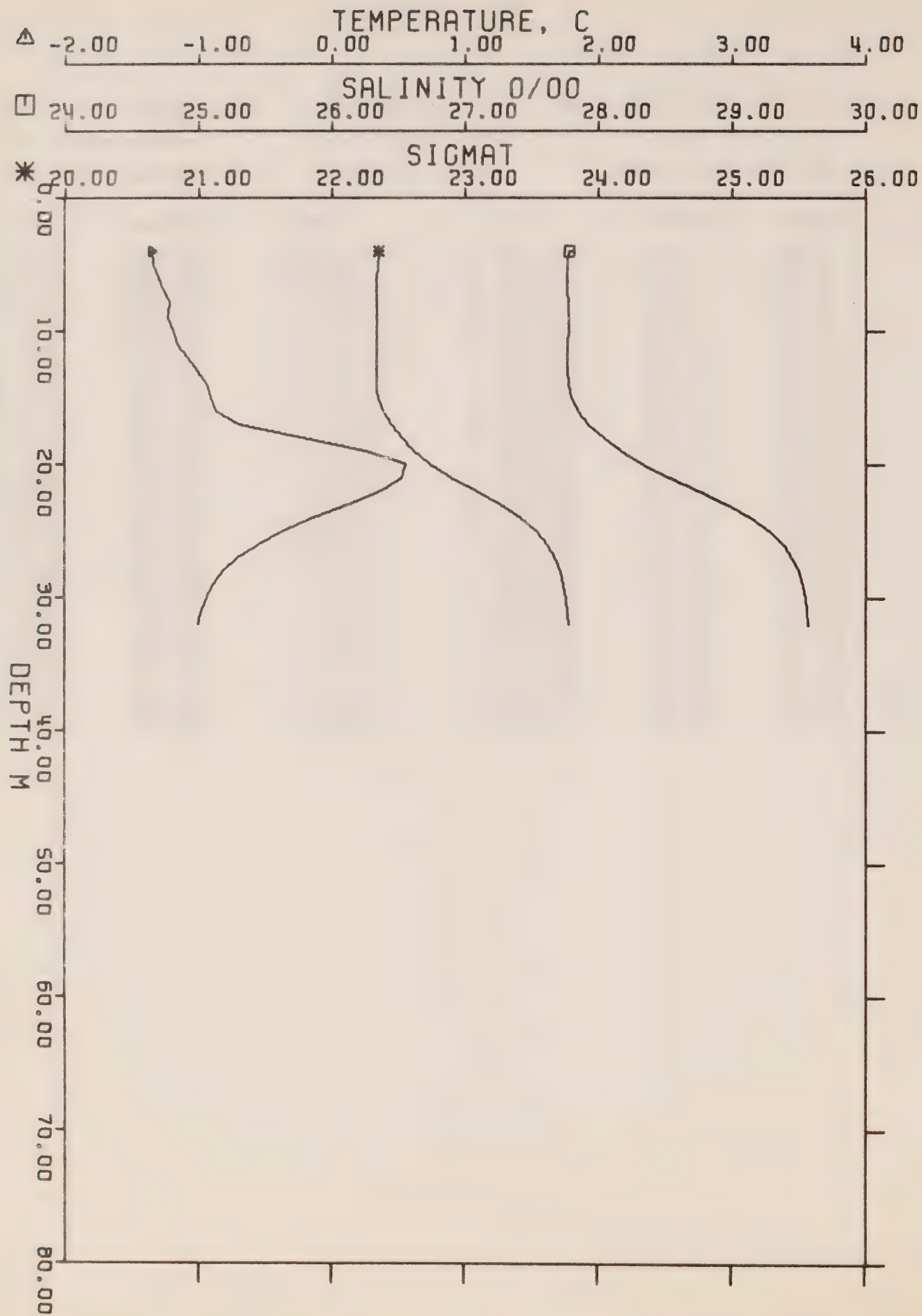
EXPERIMENT 381



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 381
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1555

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.21	27.785 E	-1.340 E	22.352	1433.1
5.00	5.27	27.775 E	-1.321 E	22.344	1433.1
6.00	6.31	27.765 E	-1.276 E	22.335	1433.4
7.00	7.30	27.759 E	-1.234 E	22.330	1433.6
8.00	8.33	27.768 E	-1.202 D	22.337	1433.8
9.00	9.33	27.776 E	-1.221 D	22.344	1433.7
10.00	10.30	27.781 F	-1.207 F	22.347	1433.8
11.00	11.30	27.772 F	-1.170 F	22.340	1434.0
12.00	12.35	27.769 F	-1.092 E	22.336	1434.3
13.00	13.32	27.770 E	-1.012 E	22.336	1434.7
14.00	14.41	27.777 E	-0.944 E	22.341	1435.1
15.00	15.39	27.794 E	-0.898 D	22.354	1435.3
16.00	16.34	27.844 E	-0.878 D	22.394	1435.5
17.00	17.33	27.926 F	-0.725 F	22.457	1436.4
18.00	18.40	28.048 G	-0.254 F	22.544	1438.8
19.00	19.46	28.191 G	0.234 F	22.645	1441.3
20.00	20.40	28.377 G	0.566 F	22.782	1443.1
21.00	21.39	28.590 F	0.530 F	22.954	1443.2
22.00	22.47	28.818 F	0.363 F	23.144	1442.8
23.00	23.40	29.026 F	0.113 F	23.320	1441.9
24.00	24.52	29.196 E	-0.164 D	23.466	1440.9
25.00	25.47	29.322 E	-0.386 C	23.574	1440.0
26.00	26.43	29.405 E	-0.556 C	23.646	1439.4
27.00	27.46	29.464 E	-0.683 C	23.697	1438.9
28.00	28.47	29.503 E	-0.793 C	23.731	1438.4
29.00	29.48	29.531 E	-0.871 C	23.755	1438.1
30.00	30.48	29.549 E	-0.928 C	23.771	1437.9
31.00	31.59	29.563 E	-0.969 C	23.783	1437.7
32.00	32.59	29.573 E	-1.005 C	23.792	1437.6

EXPERIMENT 382



CRUISE 02-71-016 CB2

CAMBRIDGE BAY

EXPER. NO. 382

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INCR. 1.00

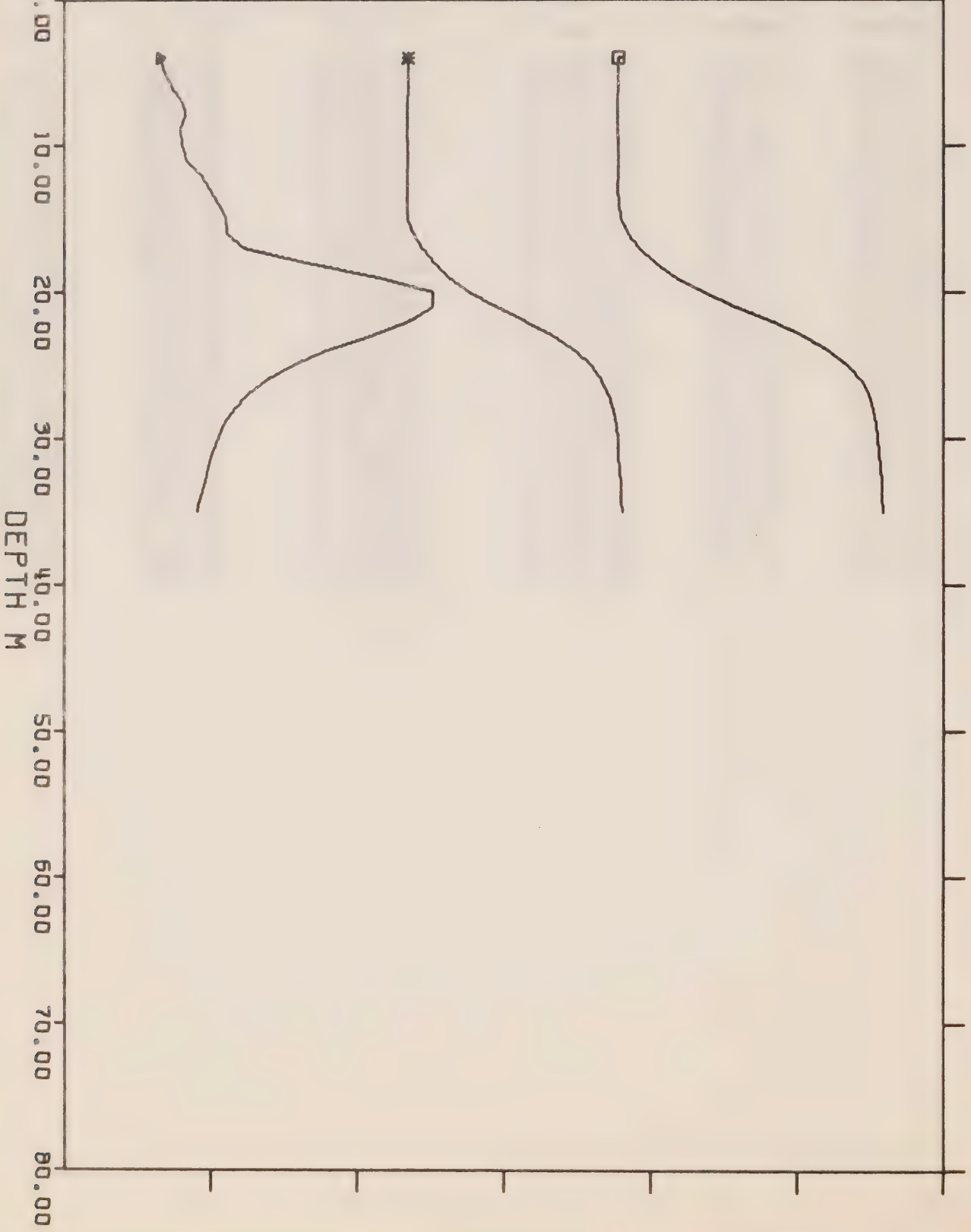
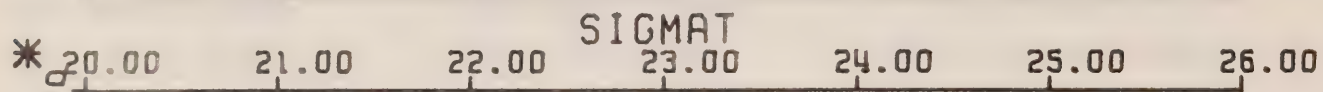
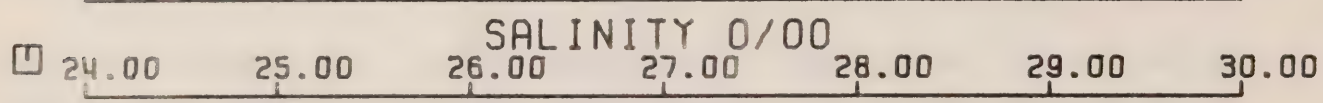
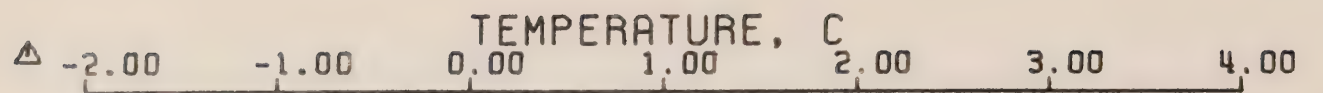
DATE 011271

LOCAL TIME 1601

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.22	27.790 E	-1.348 E	22.356	1433.0
5.00	5.32	27.782 E	-1.339 E	22.350	1433.1
6.00	6.30	27.774 E	-1.296 E	22.343	1433.3
7.00	7.29	27.768 E	-1.256 E	22.338	1433.5
8.00	8.29	27.778 E	-1.215 D	22.345	1433.7
9.00	9.31	27.784 E	-1.231 D	22.350	1433.7
10.00	10.39	27.789 F	-1.195 F	22.354	1433.9
11.00	11.31	27.778 F	-1.156 F	22.344	1434.0
12.00	12.30	27.775 F	-1.080 E	22.341	1434.4
13.00	13.39	27.773 E	-1.014 E	22.338	1434.7
14.00	14.35	27.782 E	-0.944 E	22.345	1435.1
15.00	15.42	27.801 E	-0.905 E	22.359	1435.3
16.00	16.40	27.854 E	-0.871 E	22.401	1435.6
17.00	17.44	27.934 F	-0.697 F	22.463	1436.5
18.00	18.43	28.047 G	-0.216 F	22.543	1439.0
19.00	19.38	28.176 G	0.259 F	22.632	1441.4
20.00	20.43	28.343 G	0.567 F	22.755	1443.0
21.00	21.40	28.540 F	0.540 F	22.914	1443.2
22.00	22.47	28.760 F	0.385 F	23.096	1442.8
23.00	23.45	28.972 F	0.141 F	23.276	1442.0
24.00	24.47	29.153 E	-0.128 D	23.430	1441.0
25.00	25.48	29.290 E	-0.363 C	23.548	1440.1
26.00	26.42	29.387 E	-0.544 C	23.631	1439.4
27.00	27.52	29.453 E	-0.698 C	23.688	1438.8
28.00	28.53	29.499 E	-0.809 C	23.728	1438.3
29.00	29.48	29.528 E	-0.884 C	23.753	1438.1
30.00	30.55	29.547 E	-0.933 C	23.769	1437.9
31.00	31.50	29.561 E	-0.969 C	23.781	1437.7
32.00	32.51	29.572 E	-1.003 C	23.791	1437.6

EXPERIMENT 383

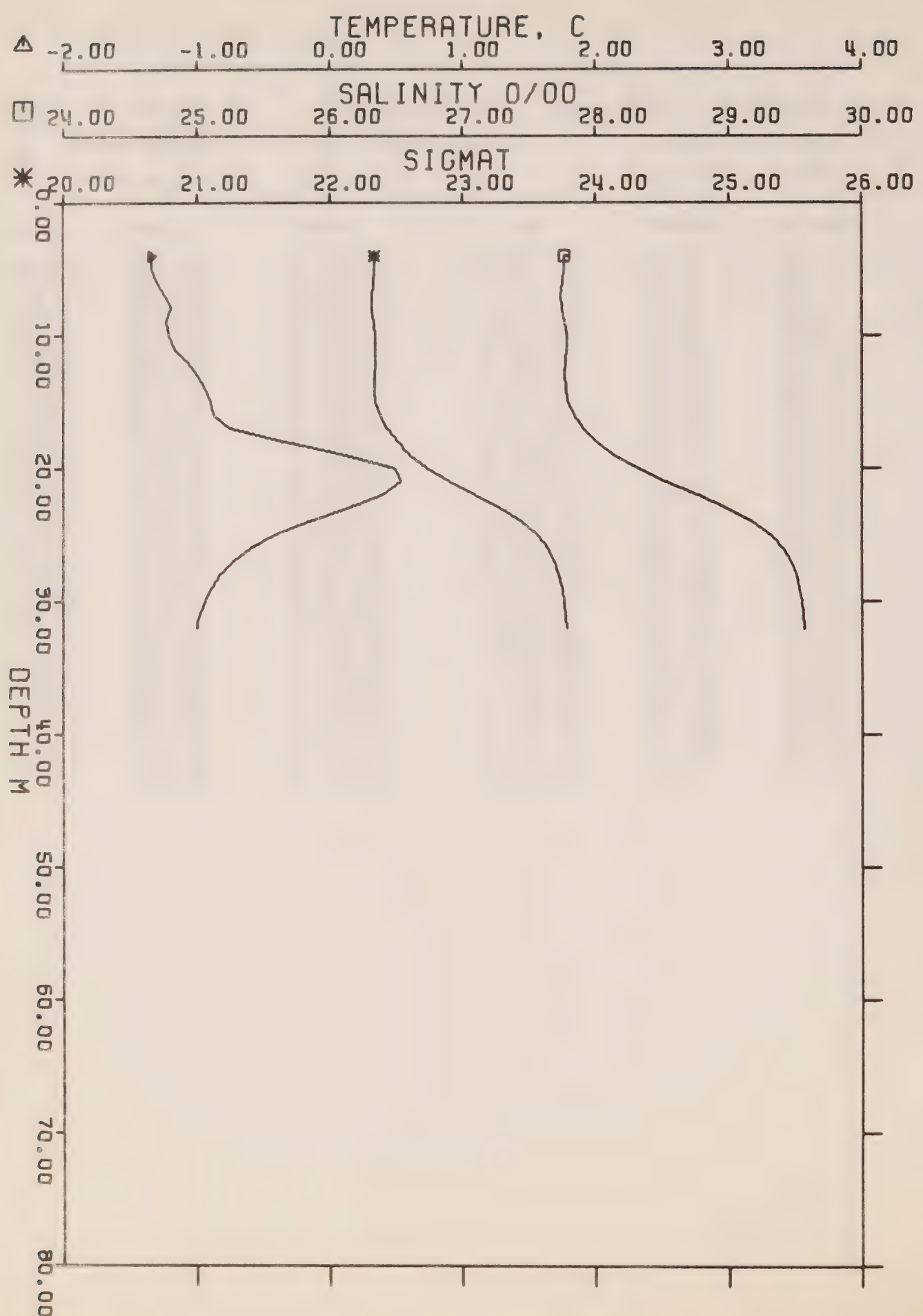
212



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 383
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1607

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.28	27.785 E	-1.347 E	22.352	1433.0
5.00	5.31	27.782 E	-1.319 E	22.350	1433.2
6.00	6.24	27.778 E	-1.273 E	22.346	1433.4
7.00	7.35	27.770 E	-1.205 D	22.339	1433.7
8.00	8.29	27.769 E	-1.174 D	22.337	1433.9
9.00	9.40	27.772 E	-1.215 E	22.340	1433.7
10.00	10.32	27.785 F	-1.201 F	22.351	1433.8
11.00	11.39	27.781 F	-1.168 F	22.347	1434.0
12.00	12.38	27.779 F	-1.070 F	22.344	1434.5
13.00	13.33	27.774 F	-1.012 F	22.339	1434.7
14.00	14.32	27.779 F	-0.947 F	22.342	1435.1
15.00	15.42	27.794 F	-0.901 F	22.354	1435.3
16.00	16.37	27.841 F	-0.891 F	22.391	1435.5
17.00	17.43	27.916 F	-0.783 F	22.450	1436.1
18.00	18.42	28.029 G	-0.350 F	22.532	1438.3
19.00	19.38	28.168 G	0.145 F	22.629	1440.8
20.00	20.47	28.360 G	0.520 F	22.770	1442.8
21.00	21.41	28.585 F	0.524 F	22.950	1443.2
22.00	22.48	28.827 F	0.359 F	23.151	1442.8
23.00	23.45	29.047 E	0.096 E	23.337	1441.9
24.00	24.55	29.224 E	-0.200 C	23.490	1440.8
25.00	25.48	29.353 E	-0.434 C	23.600	1439.9
26.00	26.45	29.436 E	-0.611 C	23.672	1439.2
27.00	27.49	29.490 E	-0.736 C	23.719	1438.7
28.00	28.54	29.522 E	-0.834 C	23.747	1438.3
29.00	29.57	29.543 E	-0.895 C	23.765	1438.0
30.00	30.51	29.555 E	-0.941 C	23.776	1437.8
31.00	31.58	29.564 E	-0.978 C	23.784	1437.7
32.00	32.63	29.572 E	-1.011 C	23.791	1437.6
33.00	33.56	29.578 E	-1.035 C	23.797	1437.5
34.00	34.57	29.583 E	-1.062 C	23.801	1437.4
35.00	35.55	29.588 E	-1.090 C	23.806	1437.3

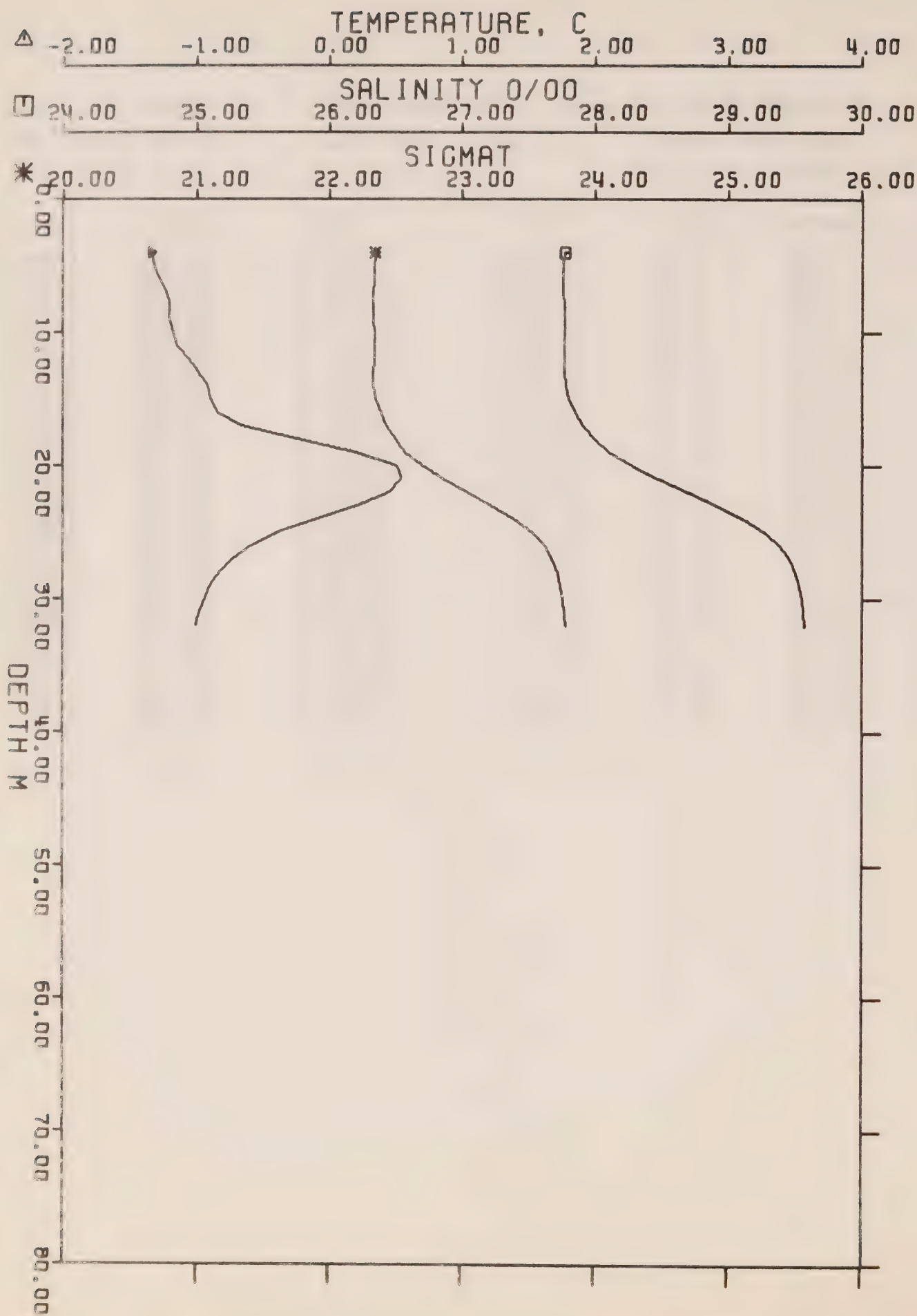
EXPERIMENT 384



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 384
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1613

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.34	27.775 E	-1.345 E	22.344	1433.0
5.00	5.27	27.768 E	-1.343 E	22.338	1433.0
6.00	6.34	27.758 E	-1.299 E	22.330	1433.2
7.00	7.37	27.744 E	-1.244 E	22.318	1433.5
8.00	8.30	27.751 E	-1.195 D	22.323	1433.8
9.00	9.29	27.767 E	-1.235 D	22.337	1433.6
10.00	10.32	27.790 F	-1.211 F	22.355	1433.8
11.00	11.39	27.787 F	-1.173 F	22.352	1434.0
12.00	12.41	27.782 E	-1.074 E	22.347	1434.5
13.00	13.41	27.774 E	-1.004 E	22.339	1434.8
14.00	14.42	27.779 E	-0.937 E	22.342	1435.1
15.00	15.40	27.794 E	-0.897 E	22.354	1435.4
16.00	16.40	27.838 E	-0.879 E	22.389	1435.5
17.00	17.42	27.909 F	-0.764 F	22.444	1436.2
18.00	18.45	28.015 G	-0.350 F	22.520	1438.3
19.00	19.48	28.142 G	0.123 F	22.609	1440.7
20.00	20.47	28.320 G	0.495 F	22.739	1442.7
21.00	21.41	28.534 F	0.536 F	22.909	1443.2
22.00	22.42	28.771 F	0.402 F	23.105	1442.9
23.00	23.48	28.992 E	0.145 E	23.292	1442.0
24.00	24.51	29.178 E	-0.152 C	23.451	1440.9
25.00	25.46	29.317 E	-0.411 C	23.571	1439.9
26.00	26.53	29.411 E	-0.594 C	23.652	1439.2
27.00	27.53	29.470 E	-0.723 C	23.702	1438.7
28.00	28.57	29.507 E	-0.819 C	23.734	1438.3
29.00	29.48	29.531 E	-0.884 C	23.755	1438.1
30.00	30.52	29.547 E	-0.929 C	23.769	1437.9
31.00	31.63	29.560 E	-0.968 C	23.781	1437.7
32.00	32.51	29.569 E	-1.002 C	23.789	1437.6

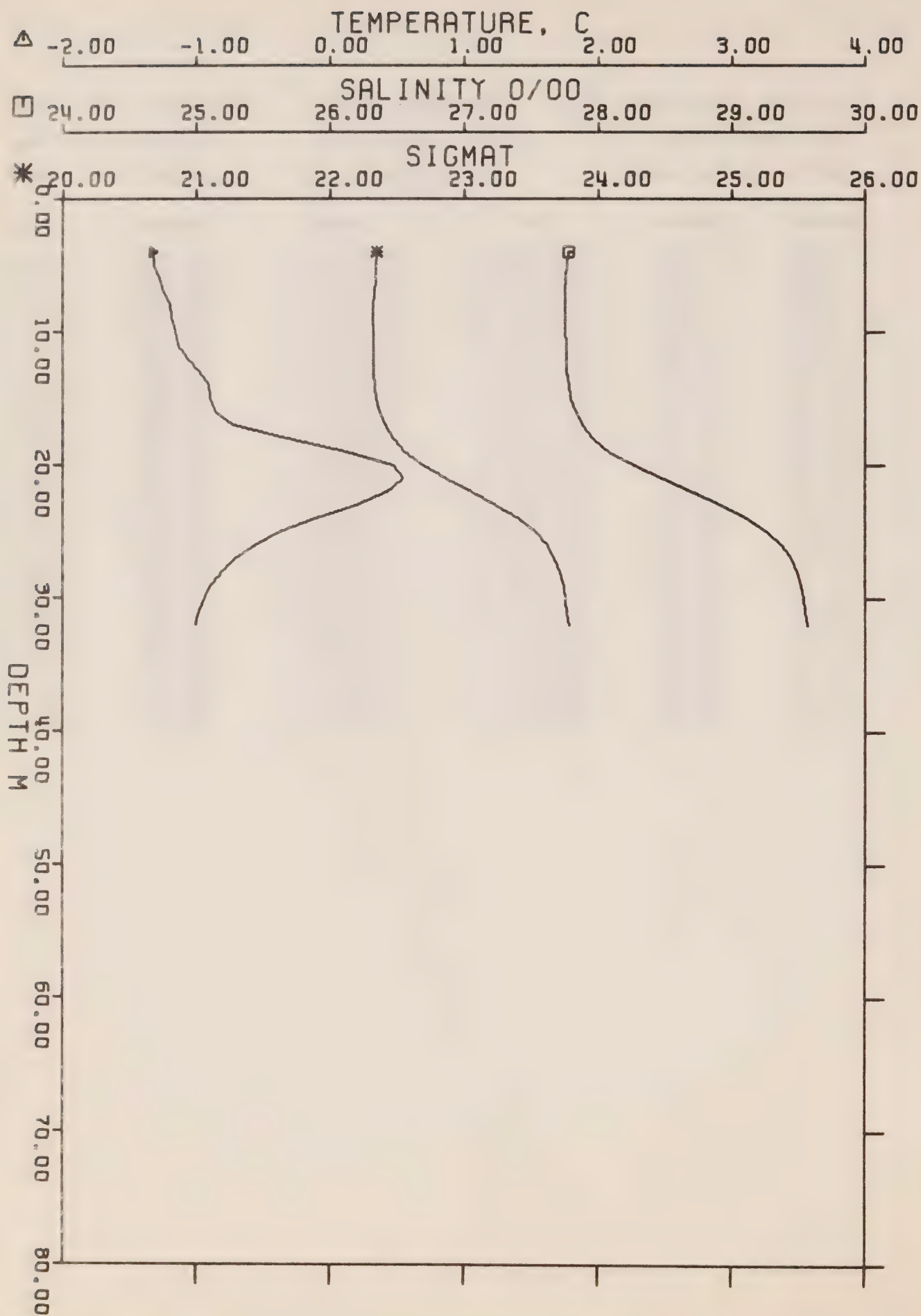
EXPERIMENT 385



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 385
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1618

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.26	27.784 E	-1.342 D	22.351	1433.0
5.00	5.36	27.774 E	-1.319 D	22.343	1433.2
6.00	6.33	27.765 E	-1.279 D	22.335	1433.4
7.00	7.30	27.762 E	-1.234 D	22.332	1433.6
8.00	8.32	27.769 E	-1.203 D	22.338	1433.8
9.00	9.38	27.777 E	-1.210 D	22.344	1433.7
10.00	10.32	27.782 E	-1.179 E	22.348	1433.9
11.00	11.31	27.774 E	-1.146 E	22.341	1434.1
12.00	12.33	27.770 E	-1.061 D	22.337	1434.5
13.00	13.43	27.767 E	-0.987 D	22.333	1434.9
14.00	14.35	27.779 E	-0.923 D	22.342	1435.2
15.00	15.35	27.802 E	-0.902 D	22.360	1435.3
16.00	16.38	27.852 E	-0.849 E	22.399	1435.7
17.00	17.43	27.912 F	-0.671 E	22.445	1436.6
18.00	18.44	28.000 G	-0.236 E	22.505	1438.8
19.00	19.45	28.112 G	0.197 E	22.582	1441.0
20.00	20.40	28.281 G	0.514 E	22.707	1442.7
21.00	21.47	28.480 F	0.552 E	22.865	1443.2
22.00	22.45	28.704 E	0.459 E	23.049	1443.1
23.00	23.43	28.920 E	0.218 E	23.231	1442.3
24.00	24.45	29.123 E	-0.084 E	23.405	1441.2
25.00	25.51	29.283 E	-0.381 D	23.543	1440.0
26.00	26.54	29.394 E	-0.581 D	23.637	1439.2
27.00	27.50	29.460 E	-0.722 D	23.694	1438.7
28.00	28.49	29.502 E	-0.822 D	23.731	1438.3
29.00	29.52	29.530 E	-0.890 D	23.755	1438.0
30.00	30.53	29.549 E	-0.934 D	23.771	1437.9
31.00	31.53	29.563 E	-0.971 C	23.783	1437.7
32.00	32.56	29.572 E	-1.005 C	23.791	1437.6

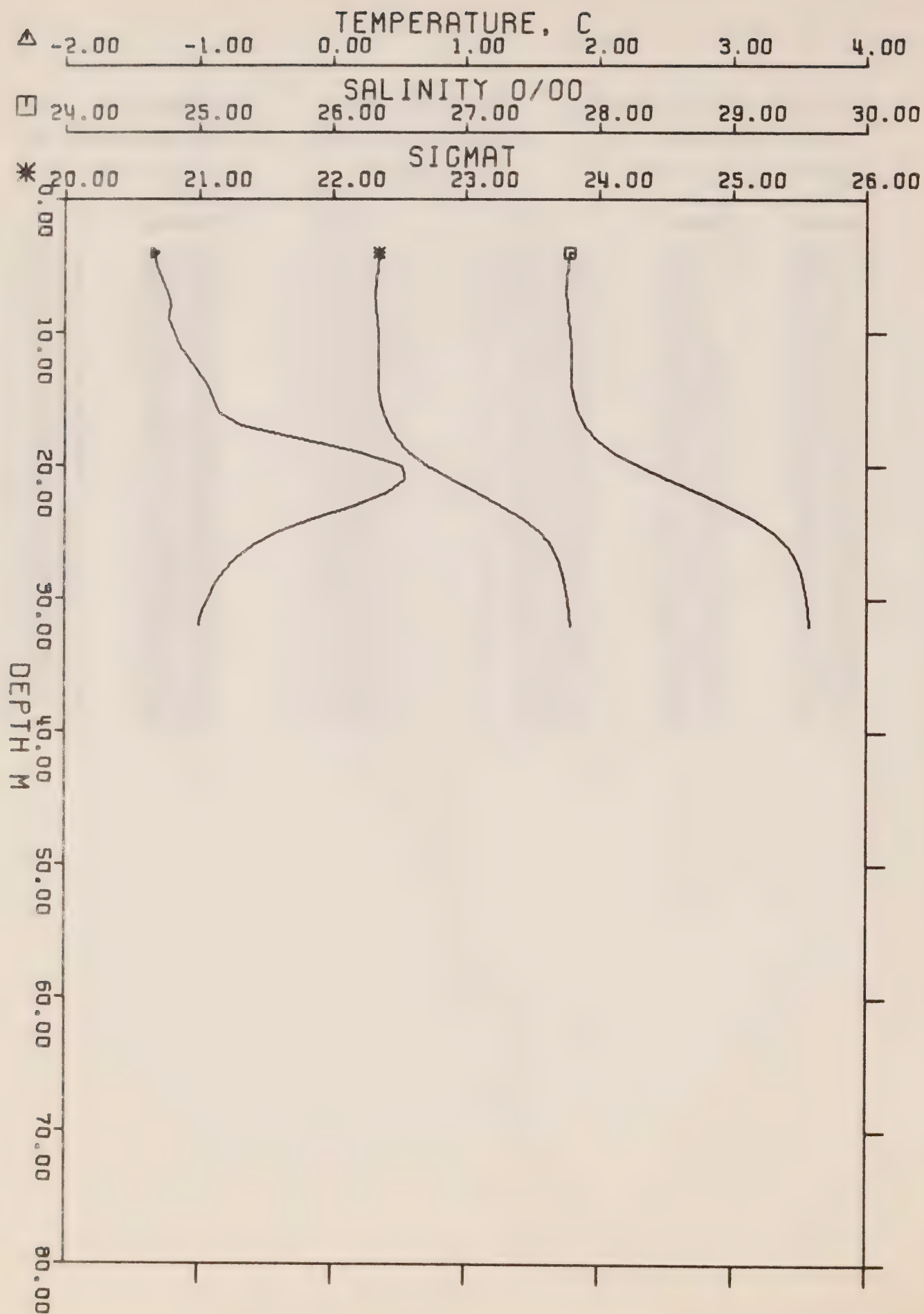
EXPERIMENT 386



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NC. 386
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1624

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.26	27.778 E	-1.333 E	22.346	1433.1
5.00	5.31	27.772 E	-1.319 E	22.341	1433.2
6.00	6.31	27.765 E	-1.283 E	22.335	1433.3
7.00	7.34	27.753 E	-1.250 E	22.325	1433.5
8.00	8.31	27.749 E	-1.200 E	22.322	1433.7
9.00	9.31	27.746 E	-1.189 E	22.319	1433.8
10.00	10.34	27.754 E	-1.160 E	22.325	1434.0
11.00	11.43	27.757 E	-1.139 E	22.327	1434.1
12.00	12.40	27.762 E	-1.066 E	22.330	1434.5
13.00	13.39	27.763 E	-0.981 E	22.330	1434.9
14.00	14.33	27.776 E	-0.914 E	22.339	1435.2
15.00	15.41	27.793 E	-0.902 E	22.353	1435.3
16.00	16.39	27.832 E	-0.857 E	22.383	1435.6
17.00	17.37	27.877 F	-0.726 F	22.417	1436.3
18.00	18.40	27.962 G	-0.324 F	22.477	1438.3
19.00	19.45	28.085 G	0.116 F	22.563	1440.6
20.00	20.44	28.270 G	0.472 D	22.700	1442.5
21.00	21.45	28.487 F	0.548 E	22.871	1443.1
22.00	22.48	28.714 E	0.432 E	23.058	1442.9
23.00	23.46	28.931 E	0.197 E	23.241	1442.2
24.00	24.41	29.123 E	-0.098 D	23.405	1441.1
25.00	25.46	29.275 E	-0.368 D	23.536	1440.1
26.00	26.45	29.381 E	-0.554 D	23.626	1439.3
27.00	27.49	29.448 E	-0.699 D	23.684	1438.8
28.00	28.51	29.494 E	-0.800 D	23.724	1438.4
29.00	29.60	29.522 E	-0.881 D	23.748	1438.1
30.00	30.50	29.541 E	-0.925 D	23.764	1437.9
31.00	31.56	29.553 E	-0.965 C	23.775	1437.7
32.00	32.53	29.566 E	-0.997 C	23.786	1437.6

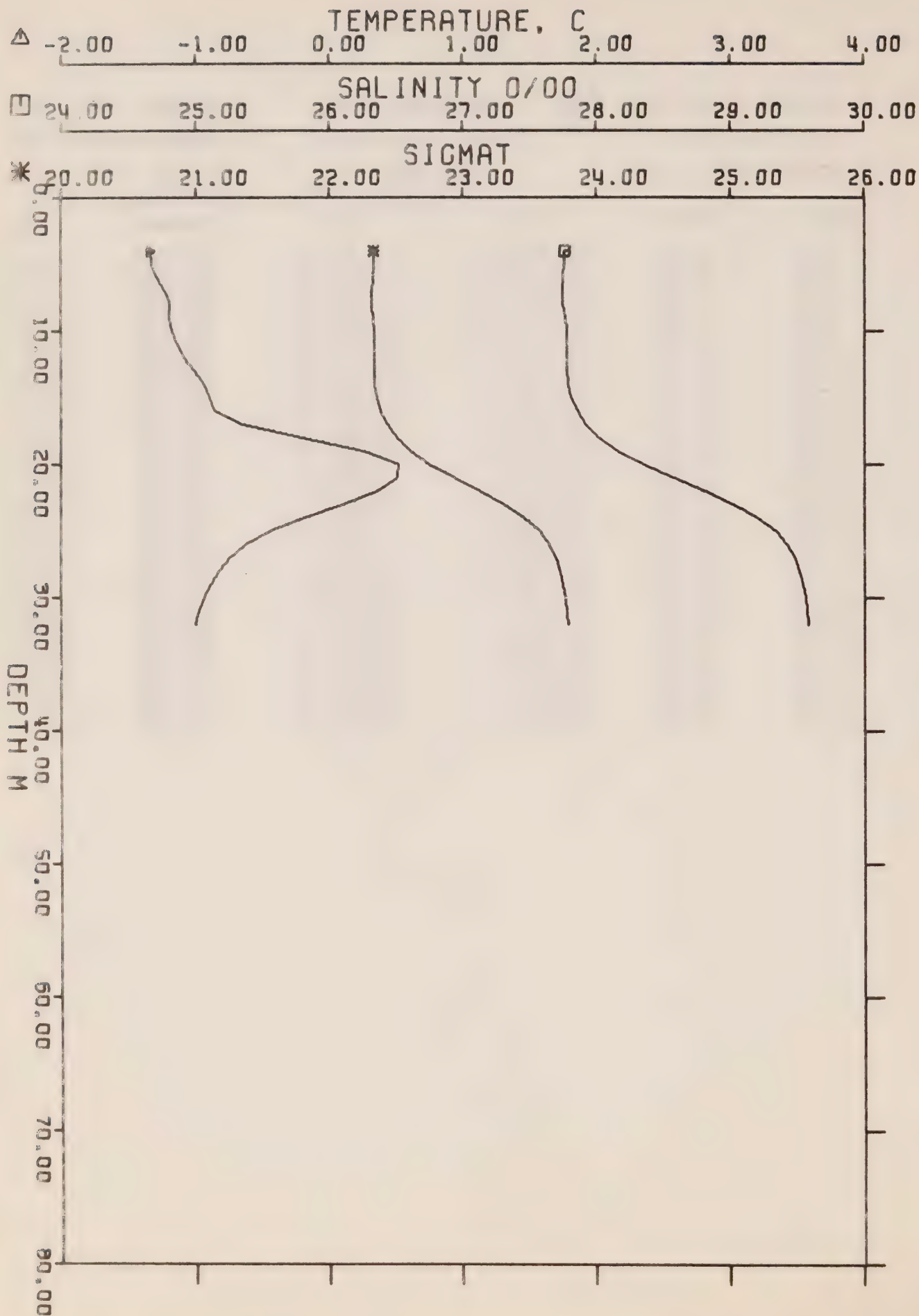
EXPERIMENT 387



CRUISE 02-71-016	CB2	CAMBRIDGE BAY	EXPER. NO. 387
LAT. N69 06.5		LONG. W105 04.0	WATER DEPTH 82
DEPTH INCR. 1.00		DATE 011271	LOCAL TIME 1630

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.29	27.781 E	-1.342 E	22.349	1433.0
5.00	5.33	27.771 E	-1.324 E	22.341	1433.1
6.00	6.34	27.761 E	-1.277 E	22.332	1433.4
7.00	7.38	27.752 E	-1.238 E	22.324	1433.5
8.00	8.38	27.761 E	-1.209 D	22.331	1433.7
9.00	9.34	27.772 E	-1.227 D	22.340	1433.7
10.00	10.34	27.785 E	-1.190 E	22.350	1433.9
11.00	11.41	27.786 E	-1.149 E	22.351	1434.1
12.00	12.42	27.787 E	-1.081 E	22.351	1434.4
13.00	13.41	27.787 E	-1.007 E	22.350	1434.8
14.00	14.46	27.793 E	-0.937 E	22.353	1435.1
15.00	15.39	27.808 E	-0.899 E	22.365	1435.4
16.00	16.39	27.843 E	-0.860 E	22.392	1435.6
17.00	17.44	27.895 F	-0.688 E	22.431	1436.5
18.00	18.38	27.983 G	-0.245 E	22.492	1438.7
19.00	19.42	28.112 G	0.208 E	22.582	1441.0
20.00	20.40	28.301 G	0.520 E	22.723	1442.7
21.00	21.49	28.520 F	0.549 E	22.897	1443.2
22.00	22.45	28.750 E	0.419 E	23.087	1442.9
23.00	23.53	28.969 E	0.170 E	23.272	1442.1
24.00	24.51	29.163 E	-0.136 D	23.438	1441.0
25.00	25.51	29.312 E	-0.409 D	23.567	1439.9
26.00	26.46	29.411 E	-0.593 D	23.651	1439.2
27.00	27.59	29.470 E	-0.723 D	23.702	1438.7
28.00	28.58	29.507 E	-0.811 D	23.734	1438.4
29.00	29.53	29.530 E	-0.879 D	23.754	1438.1
30.00	30.49	29.548 E	-0.924 D	23.770	1437.9
31.00	31.56	29.560 E	-0.965 C	23.781	1437.7
32.00	32.55	29.571 E	-0.997 C	23.790	1437.6

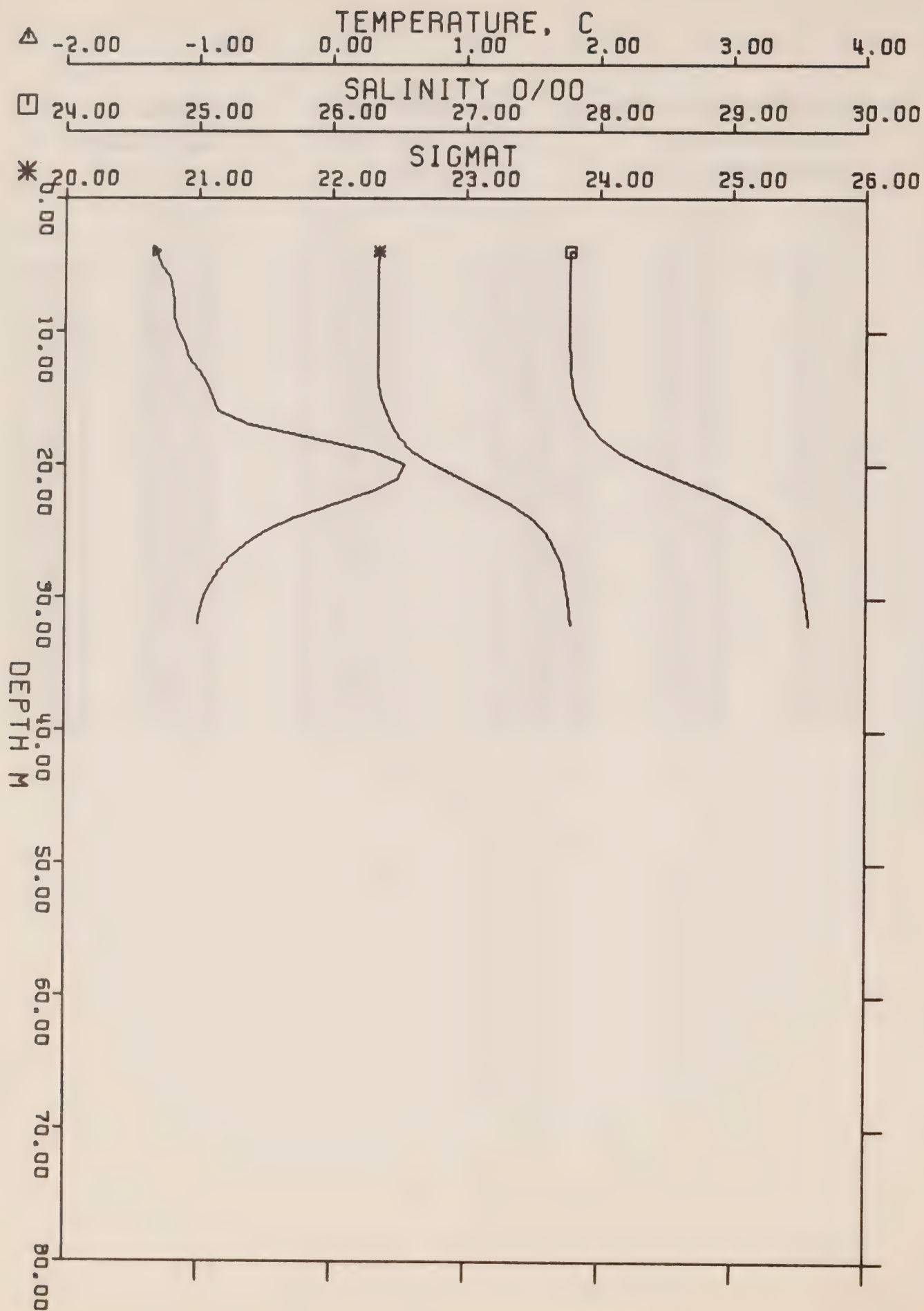
EXPERIMENT 388



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 388
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1635

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.32	27.774 E	-1.343 E	22.343	1433.0
5.00	5.39	27.768 E	-1.332 E	22.338	1433.1
6.00	6.40	27.758 E	-1.286 E	22.330	1433.3
7.00	7.38	27.750 E	-1.226 E	22.323	1433.6
8.00	8.39	27.754 E	-1.191 D	22.325	1433.8
9.00	9.38	27.767 E	-1.197 D	22.336	1433.8
10.00	10.38	27.780 E	-1.185 E	22.346	1433.9
11.00	11.43	27.783 E	-1.144 E	22.348	1434.1
12.00	12.43	27.782 E	-1.088 E	22.347	1434.4
13.00	13.39	27.784 E	-1.010 E	22.347	1434.8
14.00	14.47	27.791 E	-0.944 E	22.352	1435.1
15.00	15.45	27.814 E	-0.902 E	22.370	1435.4
16.00	16.42	27.858 E	-0.861 E	22.405	1435.6
17.00	17.46	27.922 F	-0.652 E	22.452	1436.7
18.00	18.45	28.018 G	-0.197 E	22.519	1439.0
19.00	19.40	28.157 G	0.259 E	22.616	1441.3
20.00	20.42	28.352 G	0.532 E	22.763	1442.9
21.00	21.44	28.579 F	0.524 E	22.946	1443.2
22.00	22.46	28.810 E	0.367 E	23.137	1442.8
23.00	23.47	29.021 E	0.114 E	23.316	1441.9
24.00	24.52	29.199 E	-0.180 D	23.469	1440.8
25.00	25.51	29.336 E	-0.436 D	23.587	1439.8
26.00	26.53	29.425 E	-0.617 D	23.663	1439.1
27.00	27.59	29.479 E	-0.737 D	23.710	1438.6
28.00	28.59	29.513 E	-0.820 D	23.739	1438.3
29.00	29.50	29.539 E	-0.884 D	23.762	1438.1
30.00	30.54	29.559 E	-0.933 D	23.779	1437.9
31.00	31.51	29.572 E	-0.973 C	23.790	1437.7
32.00	32.58	29.578 E	-1.002 C	23.796	1437.6

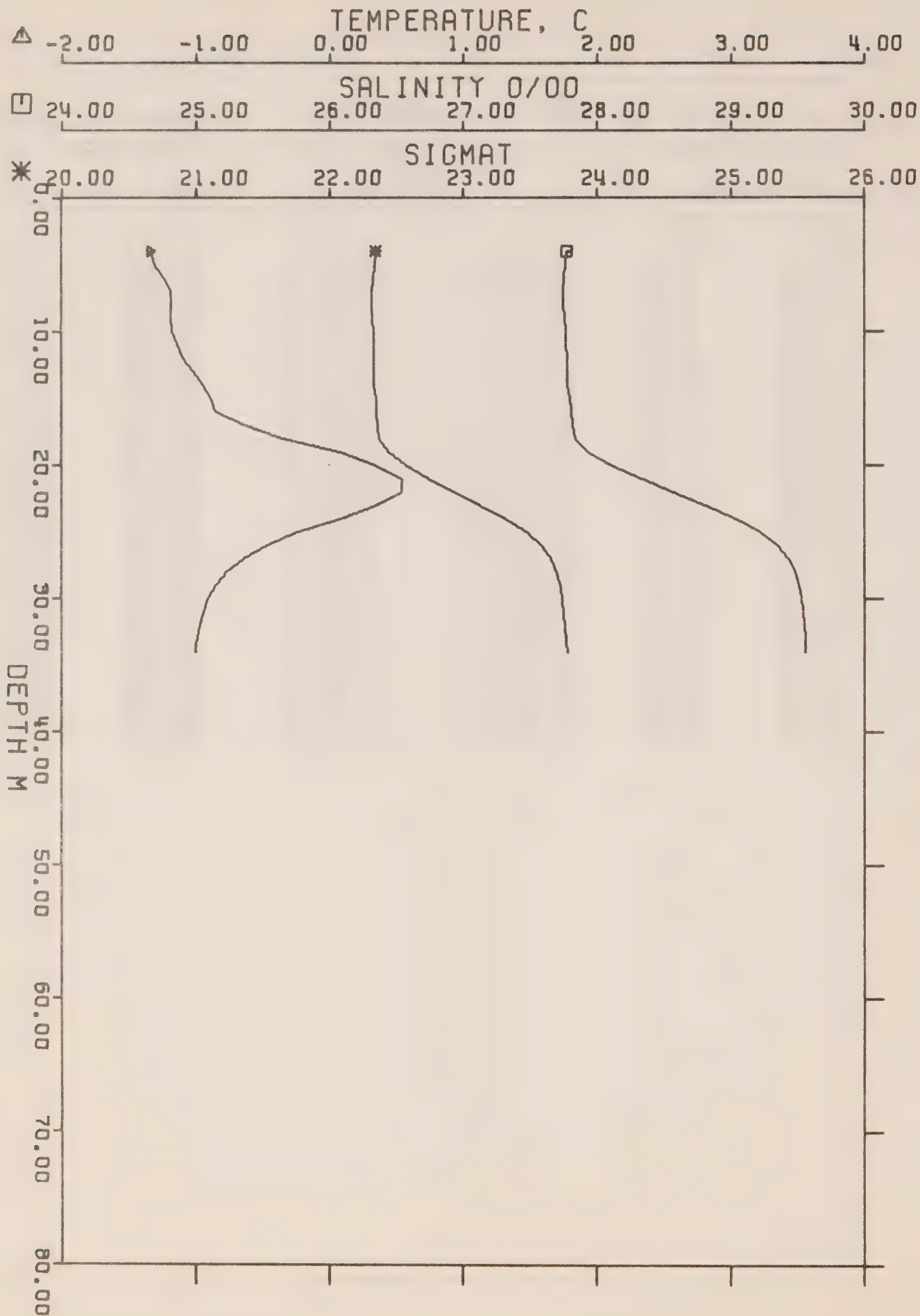
EXPERIMENT 389



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 389
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1641

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.36	27.781 E	-1.327 D	22.349	1433.1
5.00	5.30	27.776 E	-1.286 D	22.344	1433.3
6.00	6.32	27.773 E	-1.222 D	22.341	1433.6
7.00	7.39	27.770 E	-1.197 E	22.338	1433.8
8.00	8.29	27.771 E	-1.192 E	22.339	1433.8
9.00	9.36	27.772 E	-1.188 E	22.340	1433.8
10.00	10.31	27.772 E	-1.156 E	22.340	1434.0
11.00	11.41	27.775 E	-1.114 D	22.341	1434.2
12.00	12.35	27.776 E	-1.084 D	22.342	1434.4
13.00	13.38	27.780 E	-1.005 E	22.344	1434.8
14.00	14.38	27.786 E	-0.937 E	22.348	1435.1
15.00	15.40	27.812 E	-0.897 E	22.368	1435.4
16.00	16.45	27.859 E	-0.861 E	22.405	1435.6
17.00	17.46	27.922 F	-0.629 E	22.452	1436.8
18.00	18.44	28.010 G	-0.155 E	22.511	1439.2
19.00	19.38	28.143 G	0.303 E	22.604	1441.5
20.00	20.46	28.345 G	0.552 F	22.757	1443.0
21.00	21.48	28.590 F	0.504 F	22.955	1443.1
22.00	22.45	28.844 F	0.303 F	23.167	1442.5
23.00	23.48	29.064 E	0.015 D	23.354	1441.5
24.00	24.52	29.234 F	-0.269 D	23.500	1440.4
25.00	25.54	29.351 F	-0.487 D	23.600	1439.6
26.00	26.46	29.426 F	-0.640 D	23.665	1439.0
27.00	27.56	29.475 F	-0.756 D	23.707	1438.5
28.00	28.51	29.507 F	-0.841 D	23.735	1438.2
29.00	29.51	29.529 F	-0.902 D	23.754	1438.0
30.00	30.55	29.545 F	-0.946 D	23.768	1437.8
31.00	31.60	29.558 E	-0.977 C	23.779	1437.7
32.00	32.53	29.568 E	-1.002 C	23.788	1437.6

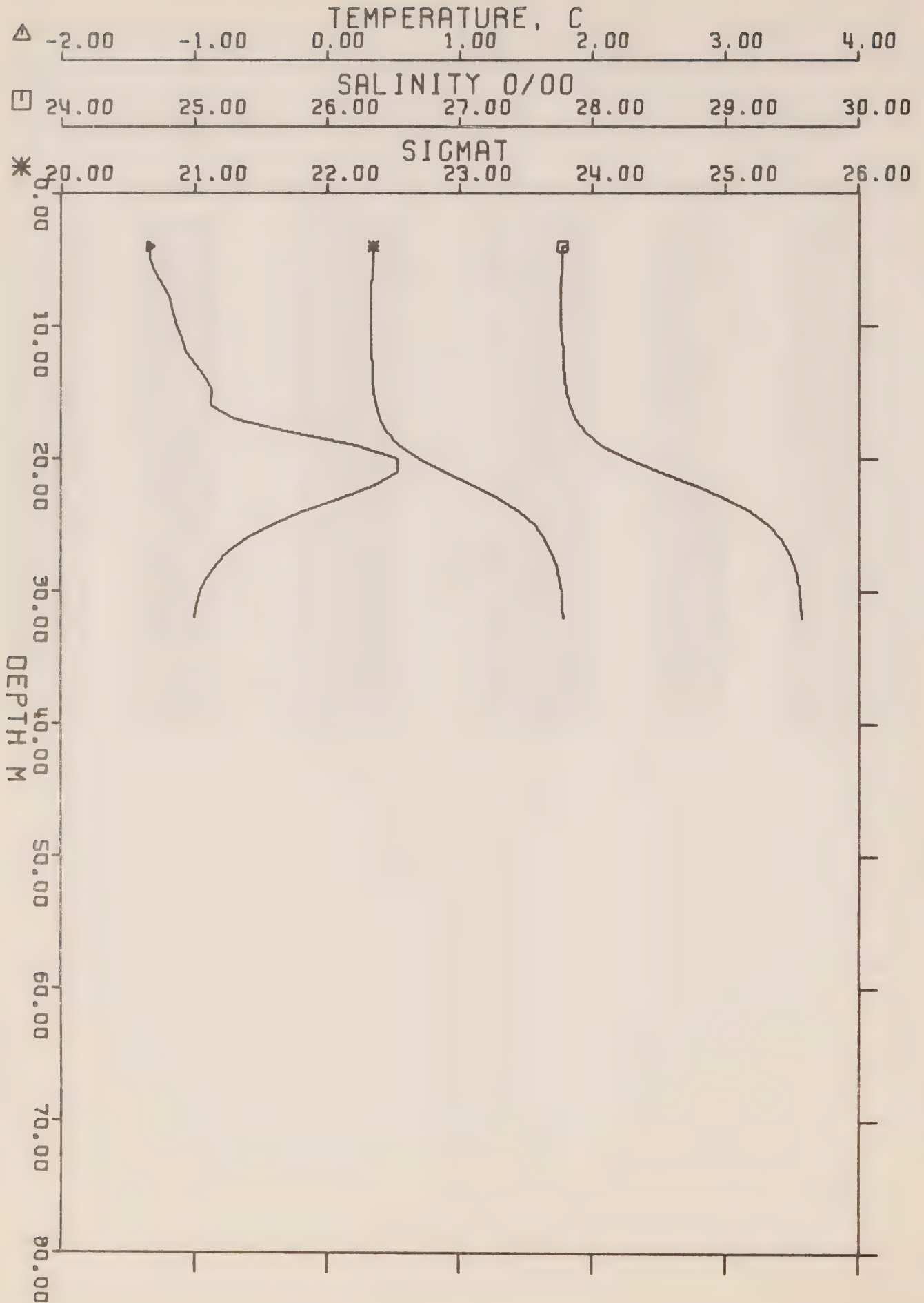
EXPERIMENT 390



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 390
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1648

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.40	27.777 E	-1.344 E	22.346	1433.0
5.00	5.37	27.770 E	-1.312 E	22.340	1433.2
6.00	6.34	27.761 E	-1.242 E	22.332	1433.5
7.00	7.32	27.752 E	-1.193 E	22.324	1433.8
8.00	8.40	27.753 E	-1.176 E	22.324	1433.9
9.00	9.33	27.758 E	-1.193 E	22.329	1433.8
10.00	10.33	27.767 E	-1.176 D	22.336	1433.9
11.00	11.35	27.775 E	-1.139 D	22.342	1434.1
12.00	12.45	27.779 E	-1.100 D	22.344	1434.3
13.00	13.41	27.781 E	-1.020 D	22.345	1434.7
14.00	14.43	27.781 E	-0.946 E	22.344	1435.1
15.00	15.47	27.800 E	-0.889 E	22.358	1435.4
16.00	16.46	27.808 E	-0.861 E	22.364	1435.6
17.00	17.44	27.824 F	-0.641 F	22.373	1436.6
18.00	18.43	27.844 F	-0.357 F	22.383	1438.0
19.00	18.58	27.945 F	0.080 F	22.452	1440.2
20.00	19.44	28.113 F	0.348 F	22.578	1441.7
21.00	20.50	28.338 F	0.555 F	22.751	1443.0
22.00	21.53	28.575 F	0.546 F	22.942	1443.3
23.00	22.51	28.814 F	0.363 F	23.141	1442.8
24.00	23.41	29.040 E	0.087 D	23.332	1441.8
25.00	24.49	29.220 E	-0.228 D	23.487	1440.6
26.00	25.46	29.348 E	-0.464 D	23.597	1439.7
27.00	26.47	29.427 E	-0.633 D	23.665	1439.0
28.00	27.50	29.477 E	-0.755 D	23.709	1438.6
29.00	28.54	29.510 E	-0.837 D	23.737	1438.2
30.00	29.58	29.529 E	-0.900 D	23.754	1438.0
31.00	30.52	29.541 E	-0.932 C	23.764	1437.9
32.00	30.73	29.549 E	-0.957 C	23.771	1437.8
33.00	31.55	29.557 E	-0.976 C	23.778	1437.7
34.00	32.60	29.565 E	-0.999 C	23.785	1437.6

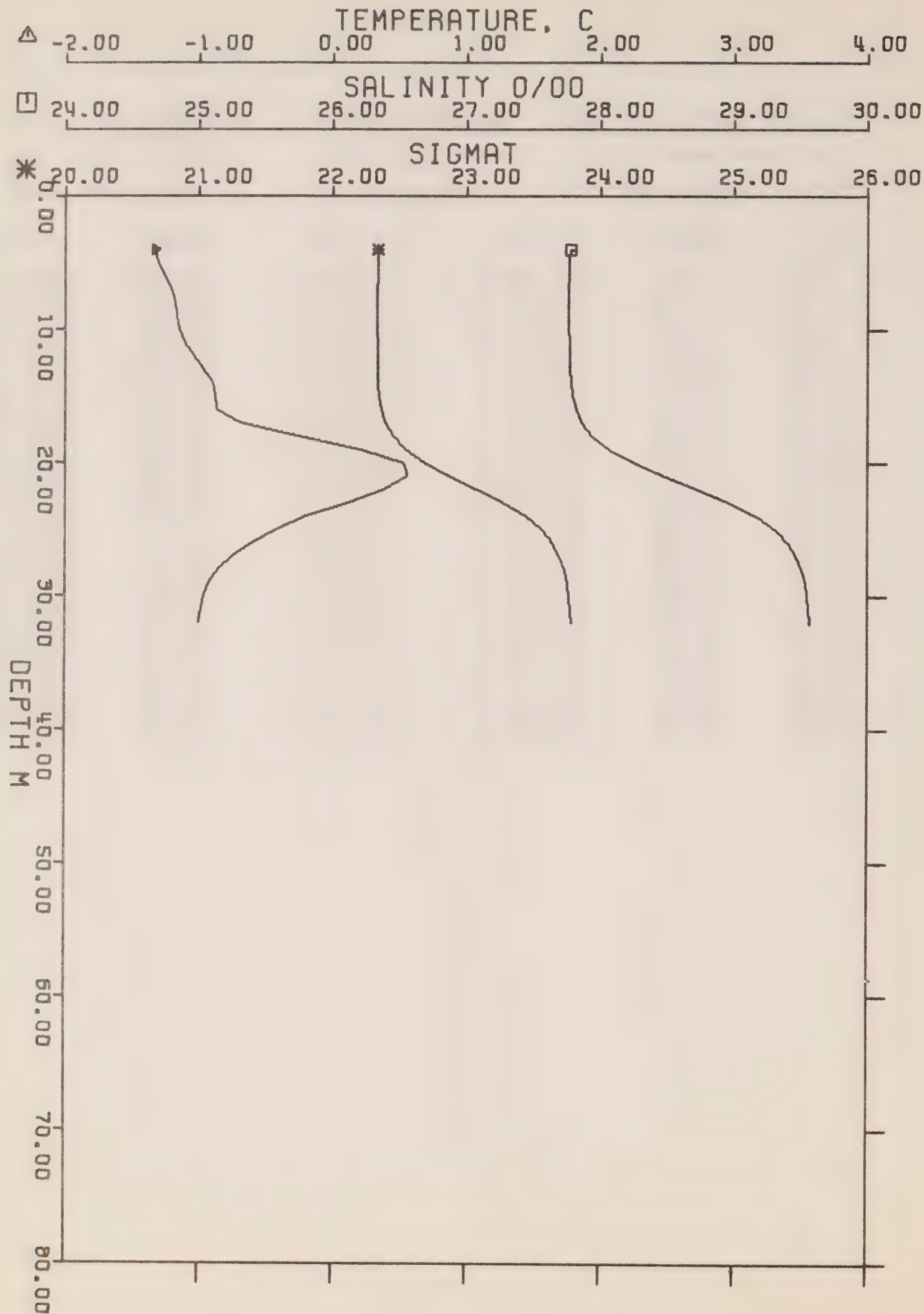
EXPERIMENT 391



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 391
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1654

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.31	27.782 E	-1.344 E	22.350	1433.0
5.00	5.33	27.780 E	-1.343 E	22.348	1433.1
6.00	6.38	27.776 E	-1.296 E	22.344	1433.3
7.00	7.29	27.764 E	-1.243 E	22.334	1433.5
8.00	8.34	27.758 E	-1.190 E	22.329	1433.8
9.00	9.34	27.757 E	-1.167 E	22.328	1433.9
10.00	10.35	27.763 E	-1.139 E	22.332	1434.1
11.00	11.44	27.771 E	-1.105 E	22.338	1434.3
12.00	12.41	27.779 E	-1.067 E	22.344	1434.5
13.00	13.46	27.784 E	-0.994 E	22.347	1434.8
14.00	14.38	27.787 E	-0.918 E	22.348	1435.2
15.00	15.44	27.801 E	-0.873 E	22.359	1435.5
16.00	16.50	27.828 E	-0.879 E	22.381	1435.5
17.00	17.44	27.874 F	-0.714 F	22.415	1436.4
18.00	18.44	27.946 F	-0.278 F	22.463	1438.5
19.00	19.43	28.072 G	0.218 E	22.549	1441.0
20.00	20.45	28.269 F	0.530 F	22.697	1442.7
21.00	21.44	28.515 F	0.541 F	22.894	1443.2
22.00	22.53	28.771 F	0.369 F	23.106	1442.7
23.00	23.41	29.004 F	0.112 F	23.302	1441.9
24.00	24.54	29.188 E	-0.181 D	23.460	1440.8
25.00	25.57	29.324 E	-0.412 D	23.576	1439.9
26.00	26.51	29.412 E	-0.597 D	23.652	1439.2
27.00	27.48	29.472 E	-0.735 D	23.704	1438.6
28.00	28.54	29.512 E	-0.832 D	23.739	1438.3
29.00	29.57	29.537 E	-0.902 D	23.761	1438.0
30.00	30.53	29.554 E	-0.946 D	23.775	1437.8
31.00	31.60	29.564 E	-0.976 C	23.784	1437.7
32.00	32.64	29.572 E	-0.995 C	23.791	1437.6

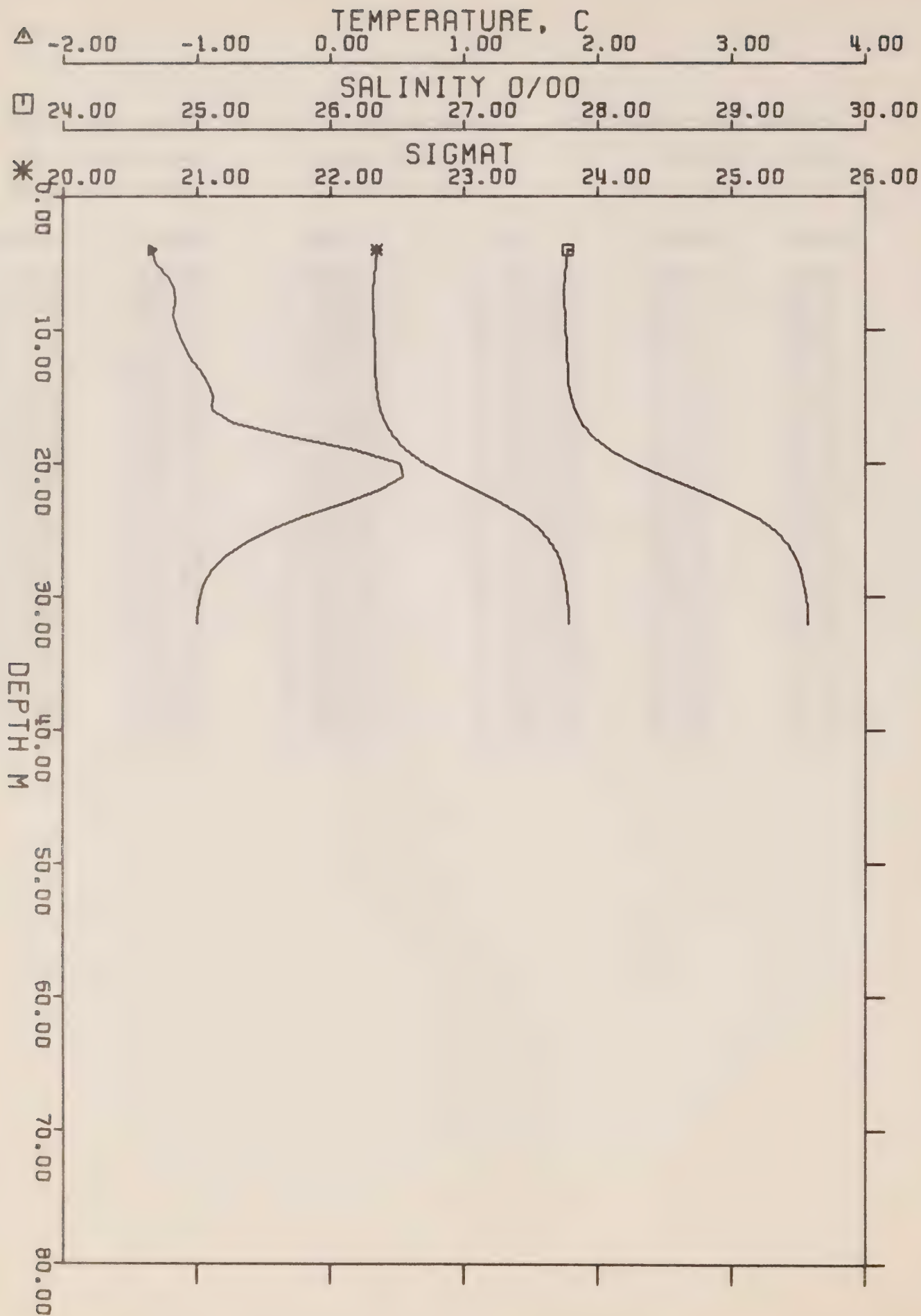
EXPERIMENT 392



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 392
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1659

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.32	27.776 E	-1.334 E	22.345	1433.1
5.00	5.38	27.772 E	-1.309 E	22.341	1433.2
6.00	6.35	27.768 E	-1.261 E	22.338	1433.4
7.00	7.35	27.763 E	-1.208 E	22.333	1433.7
8.00	8.32	27.760 E	-1.181 E	22.330	1433.8
9.00	9.34	27.760 E	-1.170 E	22.330	1433.9
10.00	10.35	27.765 E	-1.148 E	22.334	1434.0
11.00	11.38	27.769 E	-1.107 E	22.337	1434.3
12.00	12.34	27.773 E	-1.045 E	22.339	1434.6
13.00	13.35	27.775 E	-0.972 E	22.339	1434.9
14.00	14.41	27.781 E	-0.903 E	22.343	1435.3
15.00	15.46	27.793 E	-0.877 E	22.352	1435.4
16.00	16.42	27.816 E	-0.865 E	22.371	1435.6
17.00	17.39	27.858 F	-0.697 F	22.401	1436.4
18.00	18.48	27.938 F	-0.262 F	22.456	1438.6
19.00	19.48	28.071 G	0.215 E	22.549	1441.0
20.00	20.48	28.257 F	0.530 F	22.687	1442.7
21.00	21.45	28.486 F	0.561 F	22.870	1443.2
22.00	22.45	28.736 F	0.390 F	23.077	1442.8
23.00	23.44	28.982 F	0.122 F	23.284	1441.9
24.00	24.54	29.180 E	-0.189 C	23.454	1440.7
25.00	25.54	29.321 E	-0.412 C	23.574	1439.9
26.00	26.50	29.408 E	-0.593 C	23.649	1439.2
27.00	27.49	29.470 E	-0.737 C	23.703	1438.6
28.00	28.51	29.511 E	-0.848 D	23.738	1438.2
29.00	29.51	29.537 E	-0.918 D	23.761	1437.9
30.00	30.50	29.552 E	-0.960 D	23.774	1437.7
31.00	31.59	29.561 E	-0.984 C	23.782	1437.7
32.00	32.63	29.568 E	-1.000 C	23.788	1437.6

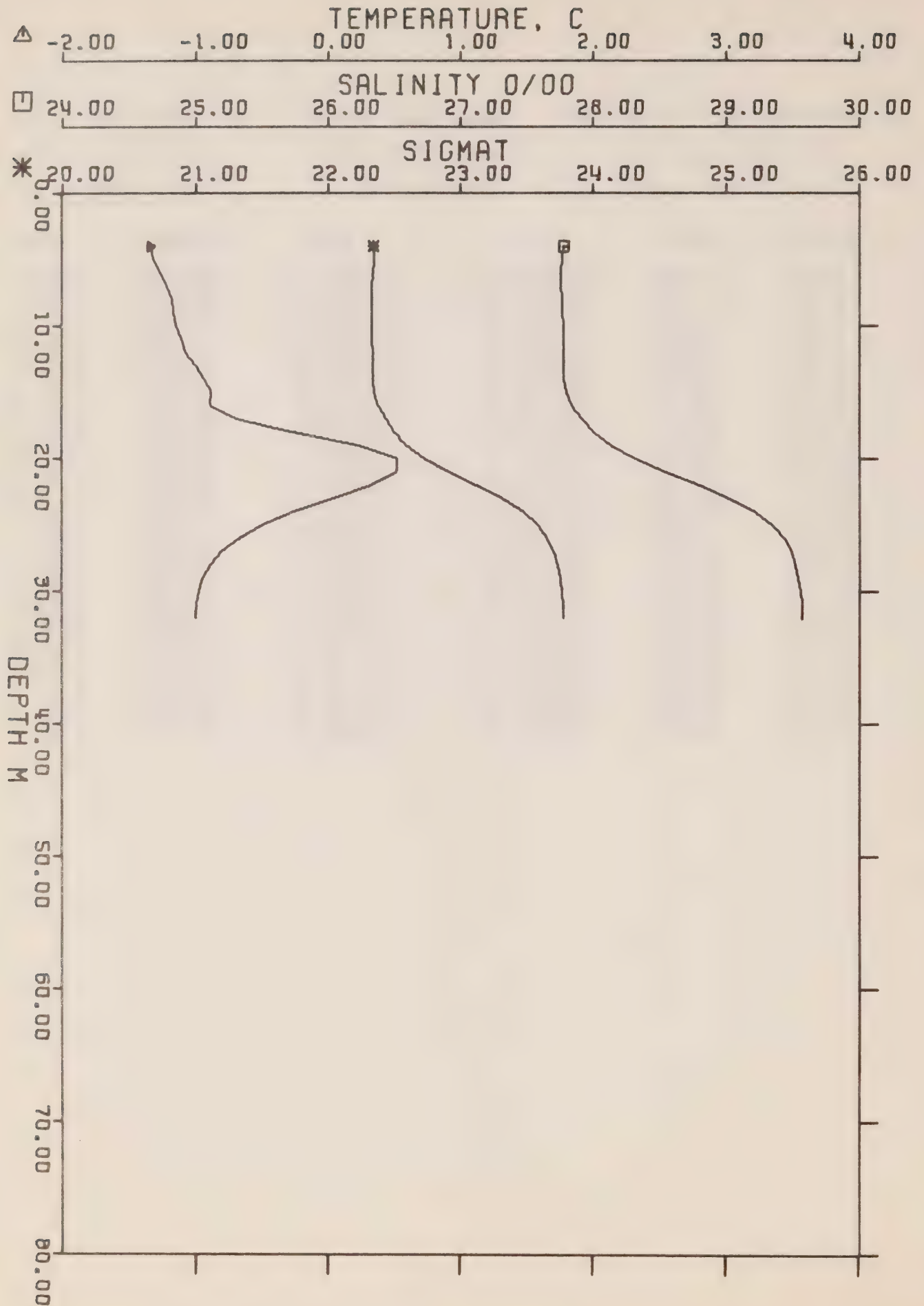
EXPERIMENT 393



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 393
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1704

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.29	27.782 E	-1.340 E	22.350	1433.1
5.00	5.31	27.772 E	-1.306 E	22.341	1433.2
6.00	6.37	27.760 E	-1.225 E	22.331	1433.6
7.00	7.31	27.750 E	-1.173 E	22.322	1433.9
8.00	8.33	27.753 E	-1.157 E	22.324	1433.9
9.00	9.33	27.757 E	-1.176 E	22.328	1433.9
10.00	10.32	27.763 E	-1.151 E	22.332	1434.0
11.00	11.40	27.768 E	-1.110 D	22.336	1434.2
12.00	12.42	27.775 E	-1.059 D	22.341	1434.5
13.00	13.37	27.781 E	-0.983 D	22.344	1434.9
14.00	14.46	27.784 E	-0.917 D	22.346	1435.2
15.00	15.40	27.799 E	-0.878 D	22.357	1435.5
16.00	16.39	27.831 E	-0.891 D	22.383	1435.5
17.00	17.43	27.885 E	-0.732 E	22.424	1436.3
18.00	18.50	27.968 F	-0.314 E	22.481	1438.4
19.00	19.40	28.098 G	0.191 E	22.571	1440.9
20.00	20.46	28.284 F	0.517 F	22.709	1442.7
21.00	21.47	28.512 F	0.549 F	22.891	1443.2
22.00	22.50	28.759 F	0.384 F	23.096	1442.8
23.00	23.41	28.993 E	0.110 C	23.294	1441.9
24.00	24.52	29.188 E	-0.192 C	23.460	1440.7
25.00	25.46	29.330 E	-0.440 C	23.582	1439.8
26.00	26.49	29.424 E	-0.629 C	23.663	1439.1
27.00	27.54	29.485 E	-0.778 C	23.716	1438.5
28.00	28.49	29.523 E	-0.878 D	23.749	1438.1
29.00	29.51	29.545 E	-0.938 D	23.768	1437.8
30.00	30.55	29.557 E	-0.974 D	23.778	1437.7
31.00	31.51	29.566 E	-0.992 C	23.786	1437.6
32.00	32.52	29.571 E	-1.005 C	23.790	1437.6

EXPERIMENT 394



CRUISE 02-71-016 C82 CAMBRIDGE BAY EXPER. NO. 394
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1709

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.28	27.787 E	-1.338 E	22.354	1433.1
5.00	5.33	27.779 E	-1.323 E	22.347	1433.1
6.00	6.42	27.771 E	-1.266 E	22.340	1433.4
7.00	7.38	27.764 E	-1.217 E	22.334	1433.7
8.00	8.40	27.769 E	-1.182 E	22.337	1433.9
9.00	9.39	27.775 E	-1.172 E	22.342	1433.9
10.00	10.44	27.777 E	-1.149 E	22.344	1434.1
11.00	11.36	27.779 E	-1.112 E	22.345	1434.2
12.00	12.45	27.780 E	-1.083 E	22.345	1434.4
13.00	13.35	27.784 E	-1.005 E	22.347	1434.8
14.00	14.34	27.785 E	-0.937 E	22.347	1435.1
15.00	15.48	27.804 E	-0.881 E	22.361	1435.4
16.00	16.47	27.845 E	-0.885 E	22.394	1435.5
17.00	17.47	27.916 F	-0.701 F	22.448	1436.5
18.00	18.44	28.009 F	-0.268 F	22.513	1438.7
19.00	19.44	28.140 G	0.229 E	22.604	1441.2
20.00	20.45	28.322 F	0.532 F	22.739	1442.8
21.00	21.46	28.551 F	0.535 F	22.923	1443.2
22.00	22.55	28.801 F	0.338 F	23.131	1442.6
23.00	23.42	29.035 F	0.048 F	23.329	1441.6
24.00	24.55	29.222 E	-0.250 C	23.490	1440.5
25.00	25.57	29.351 E	-0.485 C	23.600	1439.6
26.00	26.55	29.436 E	-0.661 C	23.673	1438.9
27.00	27.57	29.489 E	-0.801 D	23.720	1438.4
28.00	28.51	29.523 E	-0.881 D	23.749	1438.0
29.00	29.56	29.543 E	-0.935 D	23.766	1437.8
30.00	30.59	29.558 E	-0.969 D	23.779	1437.7
31.00	31.64	29.567 E	-0.989 C	23.787	1437.6
32.00	32.59	29.571 E	-1.002 C	23.790	1437.6

TEMPERATURE, C

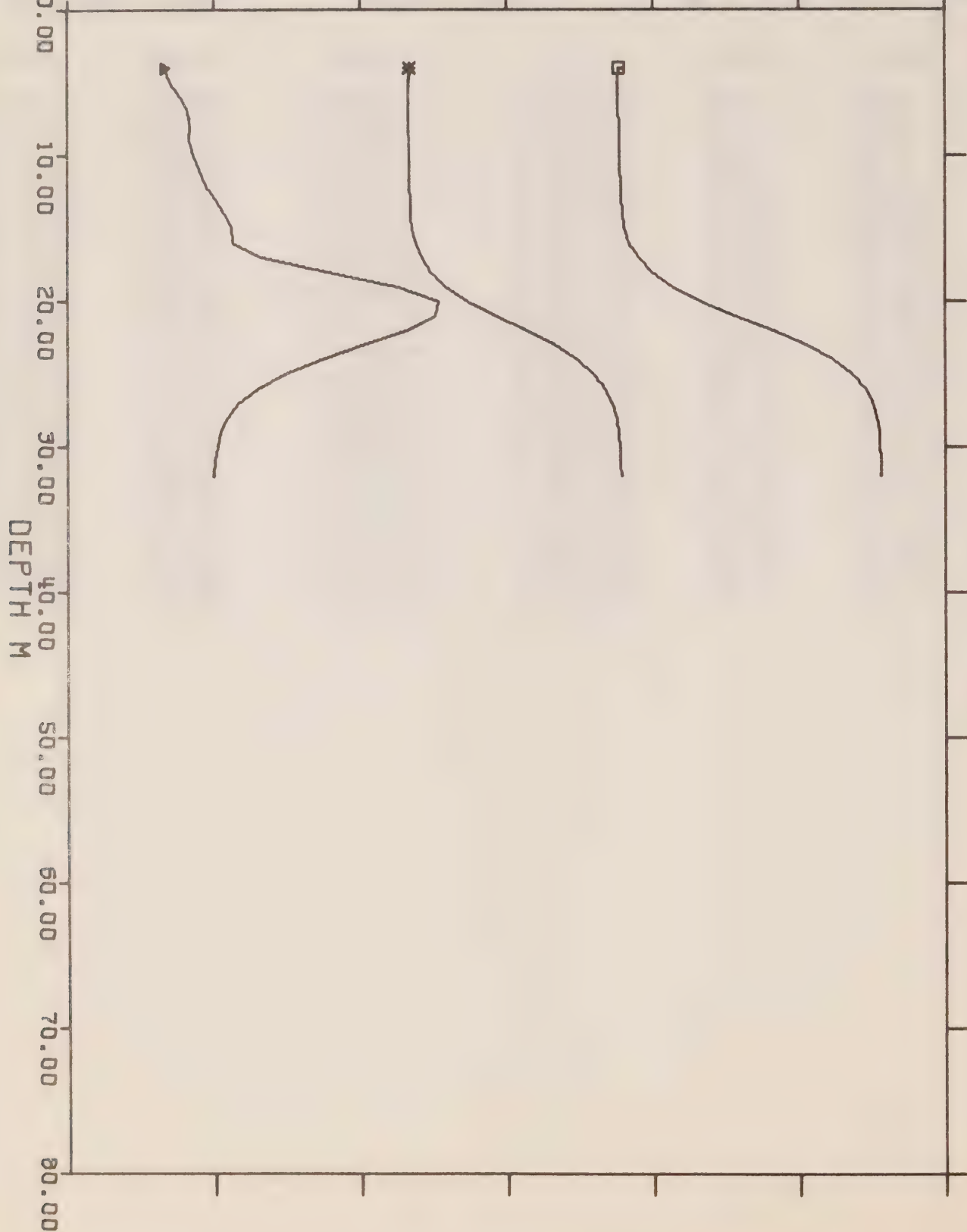
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□ 24.00 25.00 26.00 27.00 28.00 29.00 30.00

SIGMAT

* 20.00 21.00 22.00 23.00 24.00 25.00 26.00

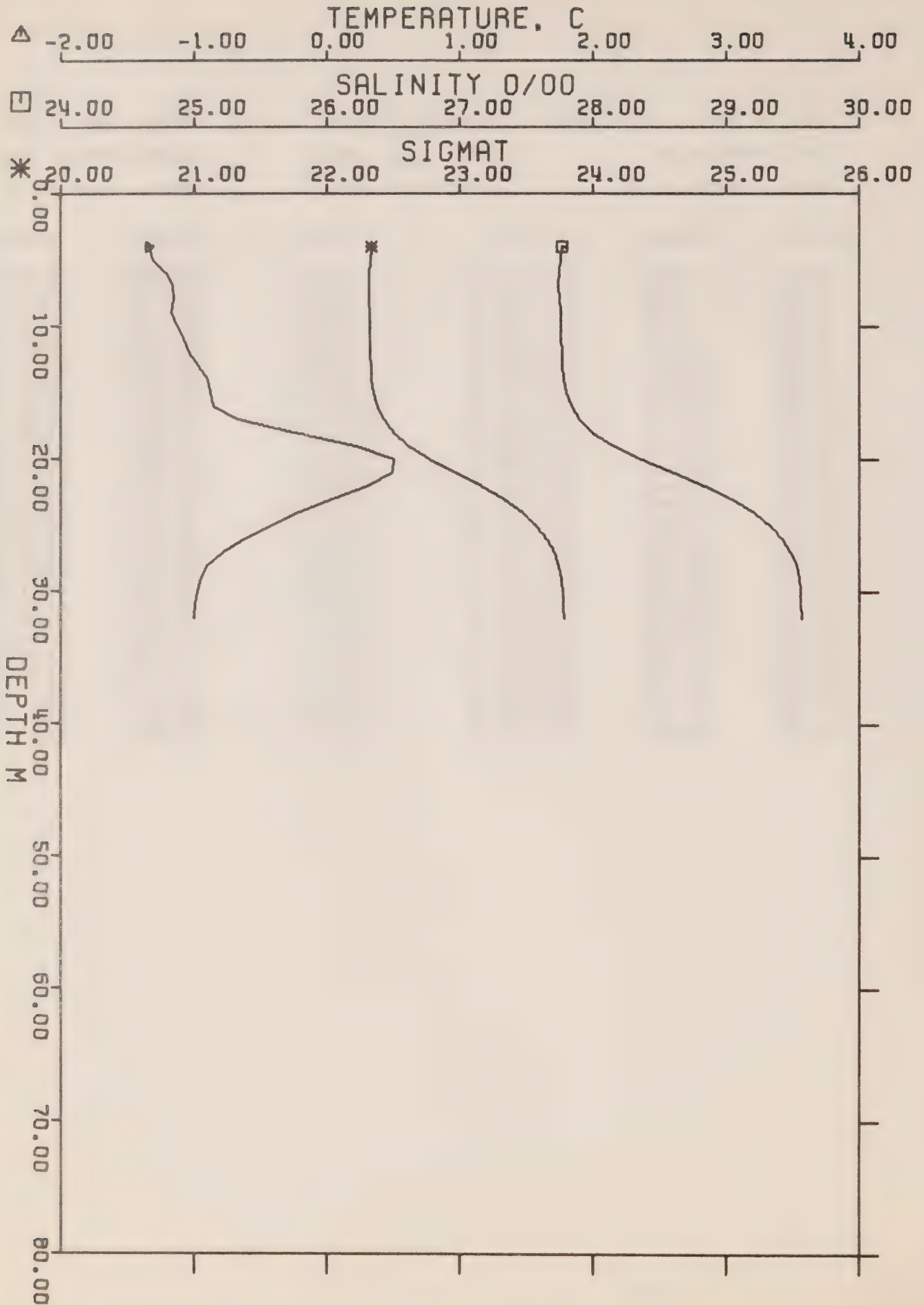


EXPERIMENT 395

CRUISE 02-71-016	CB2	CAMBRIDGE BAY	EXPER. NO. 395
LAT. N69 06.5		LONG. W105 04.0	WATER DEPTH 82
DEPTH INCR. 1.00		DATE 011271	LOCAL TIME 1714

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.33	27.774 E	-1.336 E	22.343	1433.1
5.00	5.29	27.764 E	-1.300 E	22.335	1433.2
6.00	6.35	27.757 E	-1.228 E	22.328	1433.6
7.00	7.30	27.757 E	-1.177 E	22.328	1433.8
8.00	8.29	27.766 E	-1.163 E	22.335	1433.9
9.00	9.33	27.773 E	-1.169 E	22.341	1433.9
10.00	10.43	27.775 E	-1.139 E	22.342	1434.1
11.00	11.33	27.775 E	-1.096 E	22.341	1434.3
12.00	12.46	27.778 E	-1.058 E	22.343	1434.5
13.00	13.44	27.783 E	-0.992 E	22.346	1434.9
14.00	14.43	27.786 E	-0.929 E	22.348	1435.2
15.00	15.49	27.802 E	-0.883 E	22.360	1435.4
16.00	16.39	27.835 E	-0.871 E	22.386	1435.6
17.00	17.46	27.896 F	-0.668 F	22.432	1436.6
18.00	18.47	27.986 F	-0.222 F	22.494	1438.8
19.00	19.47	28.125 G	0.260 E	22.591	1441.3
20.00	20.43	28.322 F	0.542 F	22.739	1442.9
21.00	21.48	28.563 F	0.520 F	22.933	1443.1
22.00	22.48	28.819 F	0.316 F	23.146	1442.6
23.00	23.46	29.047 F	0.025 F	23.340	1441.5
24.00	24.47	29.227 E	-0.261 D	23.494	1440.5
25.00	25.50	29.356 E	-0.505 D	23.605	1439.5
26.00	26.59	29.447 E	-0.690 D	23.683	1438.8
27.00	27.61	29.504 E	-0.834 E	23.732	1438.2
28.00	28.56	29.535 E	-0.904 E	23.759	1438.0
29.00	29.53	29.548 E	-0.945 E	23.770	1437.8
30.00	30.61	29.555 E	-0.971 E	23.777	1437.7
31.00	31.53	29.560 E	-0.986 C	23.781	1437.6
32.00	32.56	29.565 E	-0.999 C	23.785	1437.6

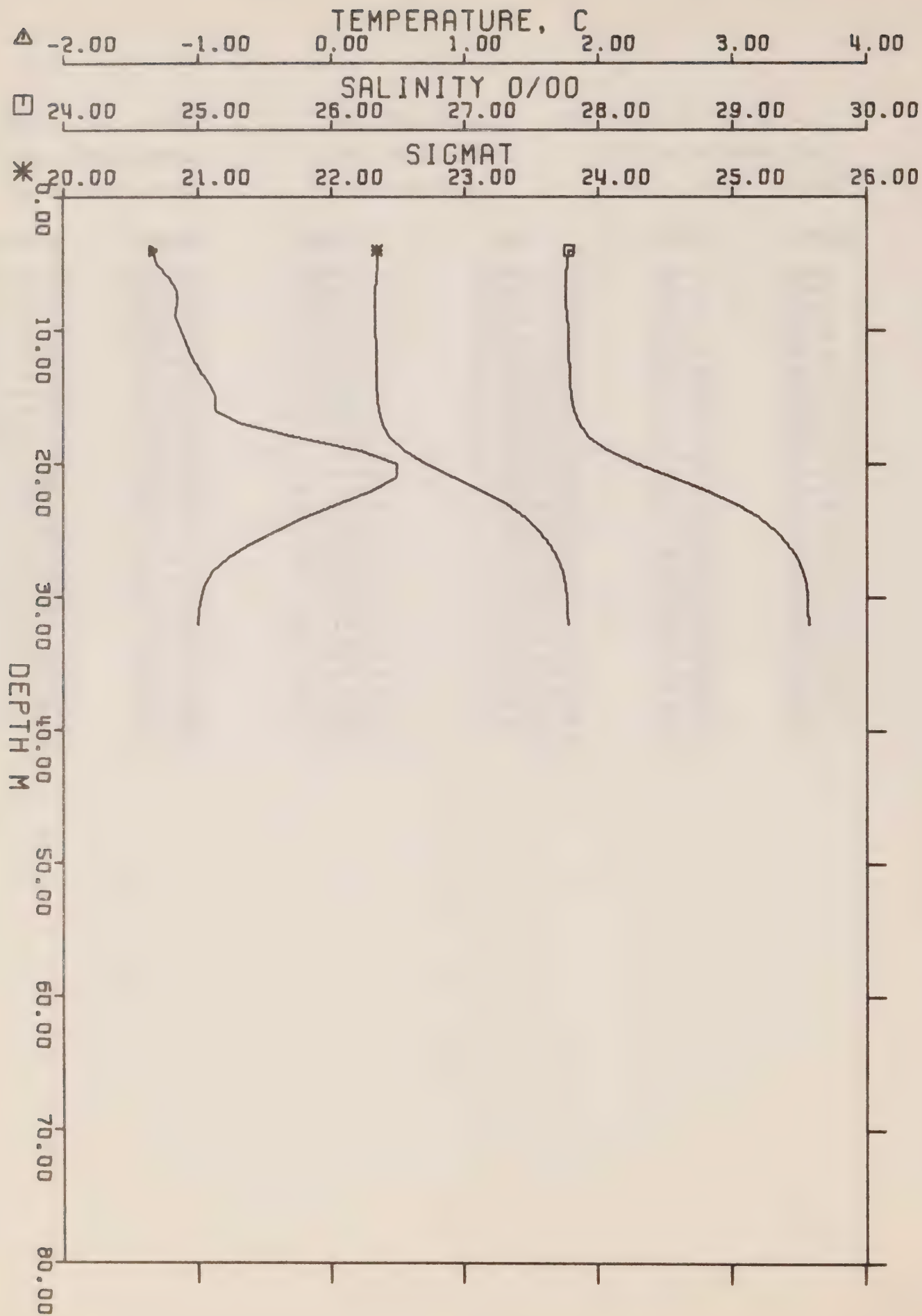
EXPERIMENT 396



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 396
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1721

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.33	27.766 E	-1.342 D	22.337	1433.0
5.00	5.37	27.759 E	-1.306 D	22.331	1433.2
6.00	6.37	27.750 E	-1.210 D	22.322	1433.7
7.00	7.33	27.743 F	-1.163 F	22.316	1433.9
8.00	8.40	27.750 F	-1.151 F	22.322	1434.0
9.00	9.38	27.758 E	-1.172 E	22.328	1433.9
10.00	10.36	27.763 E	-1.134 E	22.332	1434.1
11.00	11.33	27.764 E	-1.085 D	22.332	1434.4
12.00	12.36	27.766 E	-1.039 D	22.333	1434.6
13.00	13.44	27.770 E	-0.971 D	22.335	1434.9
14.00	14.39	27.780 E	-0.904 D	22.342	1435.3
15.00	15.43	27.802 E	-0.881 D	22.360	1435.4
16.00	16.49	27.842 F	-0.864 F	22.392	1435.6
17.00	17.48	27.904 F	-0.681 F	22.438	1436.6
18.00	18.43	28.003 G	-0.251 F	22.508	1438.7
19.00	19.41	28.156 G	0.223 E	22.617	1441.2
20.00	20.41	28.366 F	0.511 F	22.775	1442.8
21.00	21.47	28.606 F	0.500 F	22.968	1443.1
22.00	22.45	28.843 F	0.316 F	23.166	1442.6
23.00	23.44	29.046 E	0.051 E	23.338	1441.7
24.00	24.55	29.209 E	-0.196 D	23.477	1440.8
25.00	25.53	29.329 E	-0.415 D	23.581	1439.9
26.00	26.60	29.421 E	-0.605 D	23.660	1439.2
27.00	27.54	29.485 E	-0.774 D	23.716	1438.5
28.00	28.50	29.527 E	-0.886 D	23.752	1438.0
29.00	29.61	29.548 E	-0.940 D	23.770	1437.8
30.00	30.60	29.557 E	-0.970 D	23.778	1437.7
31.00	31.52	29.564 E	-0.987 C	23.784	1437.6
32.00	32.52	29.571 E	-1.000 C	23.790	1437.6

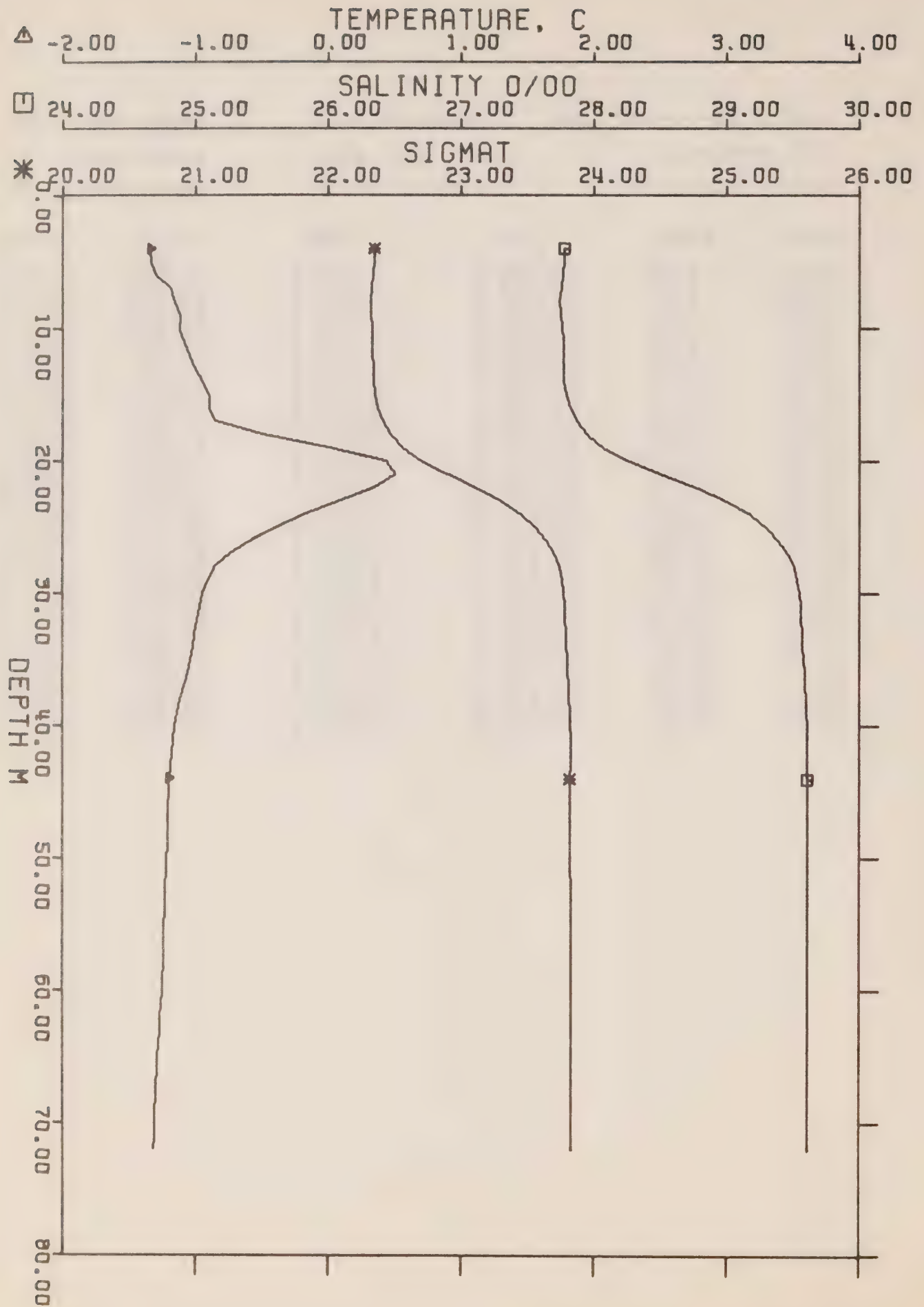
EXPERIMENT 397



CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 397
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 011271 LOCAL TIME 1727

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.28	27.788 E	-1.345 E	22.355	1433.0
5.00	5.31	27.778 E	-1.311 E	22.346	1433.2
6.00	6.36	27.766 E	-1.217 E	22.335	1433.6
7.00	7.33	27.756 E	-1.164 E	22.327	1433.9
8.00	8.38	27.763 E	-1.147 E	22.332	1434.0
9.00	9.30	27.771 E	-1.173 E	22.339	1433.9
10.00	10.34	27.778 E	-1.135 E	22.344	1434.1
11.00	11.36	27.780 E	-1.090 E	22.345	1434.4
12.00	12.34	27.783 E	-1.049 E	22.347	1434.6
13.00	13.39	27.786 E	-0.985 E	22.348	1434.9
14.00	14.42	27.787 E	-0.919 E	22.348	1435.2
15.00	15.47	27.798 E	-0.874 E	22.356	1435.5
16.00	16.44	27.816 E	-0.869 E	22.371	1435.5
17.00	17.40	27.859 F	-0.673 F	22.402	1436.5
18.00	18.45	27.935 G	-0.262 F	22.454	1438.6
19.00	19.41	28.084 G	0.222 E	22.559	1441.1
20.00	20.43	28.301 F	0.504 E	22.723	1442.7
21.00	21.43	28.561 F	0.505 F	22.932	1443.1
22.00	22.49	28.815 F	0.325 F	23.143	1442.6
23.00	23.41	29.031 E	0.062 E	23.326	1441.7
24.00	24.46	29.199 E	-0.188 D	23.469	1440.8
25.00	25.48	29.320 E	-0.402 D	23.573	1440.0
26.00	26.51	29.411 E	-0.596 D	23.652	1439.2
27.00	27.54	29.477 E	-0.763 D	23.709	1438.5
28.00	28.52	29.522 E	-0.879 D	23.748	1438.1
29.00	29.62	29.546 E	-0.936 D	23.769	1437.8
30.00	30.53	29.558 E	-0.966 D	23.779	1437.7
31.00	31.58	29.563 E	-0.986 C	23.783	1437.7
32.00	32.57	29.568 E	-0.998 C	23.788	1437.6

EXPERIMENT 398



CRUISE 02-71-016 CR2

CAMBRIDGE BAY

EXPER. NO. 328

LAT. N69 05.5

LONG. W105 04.0

WATER DEPTH 22

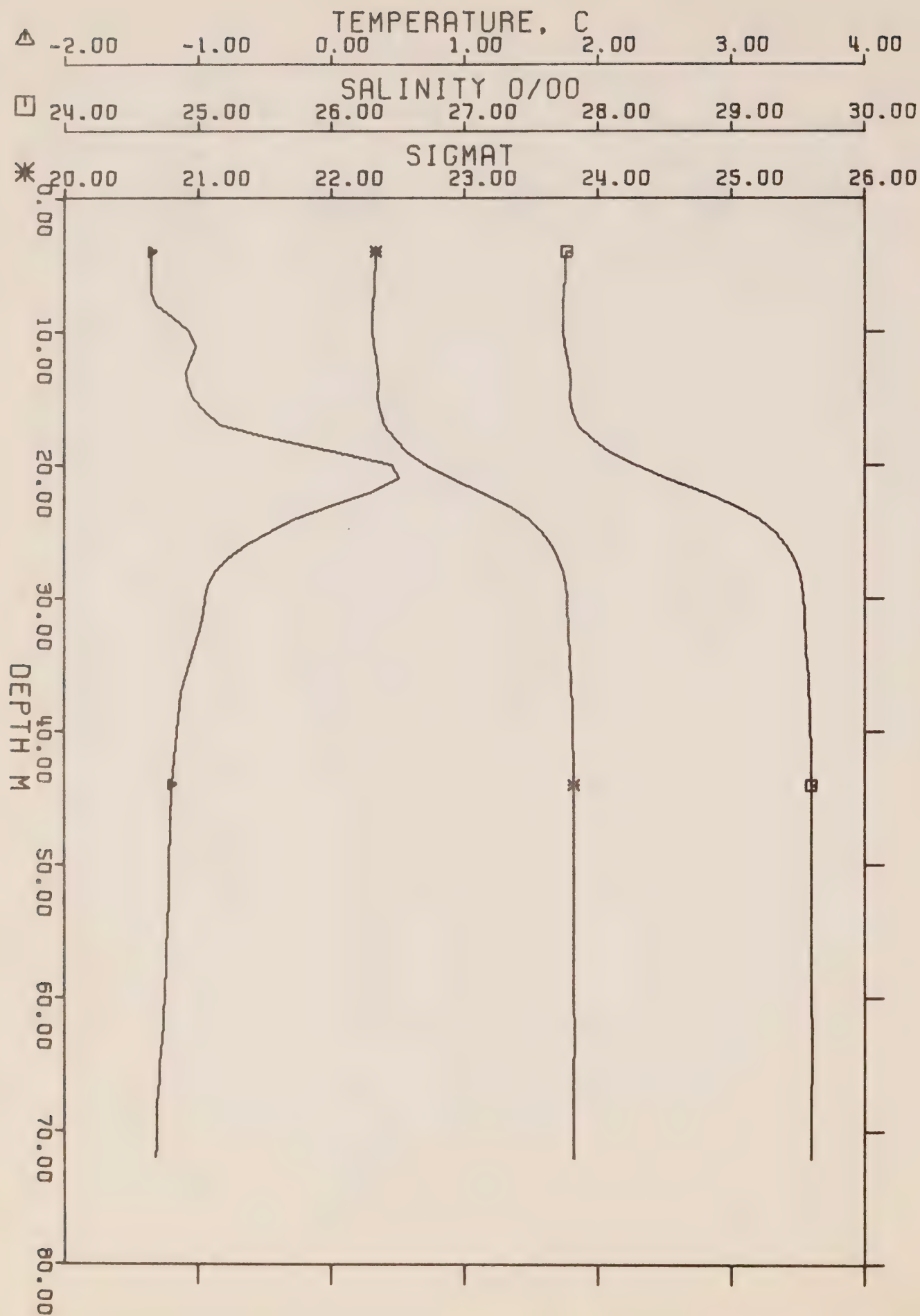
DEPTH INCR. 1.00

DATE 011271

LOCAL TIME 1732

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.33	27.783 F	-1.338 F	22.351	1433.1
5.00	5.35	27.779 F	-1.327 F	22.347	1433.1
6.00	6.34	27.766 F	-1.288 F	22.336	1433.3
7.00	7.30	27.757 F	-1.185 F	22.328	1433.8
8.00	8.40	27.745 F	-1.147 F	22.318	1434.0
9.00	9.34	27.754 F	-1.113 F	22.324	1434.2
10.00	10.34	27.758 F	-1.117 F	22.328	1434.2
11.00	11.39	27.766 F	-1.076 F	22.334	1434.4
12.00	12.39	27.766 F	-1.045 F	22.333	1434.6
13.00	13.34	27.771 F	-1.005 F	22.337	1434.8
14.00	14.35	27.774 F	-0.941 F	22.338	1435.1
15.00	15.39	27.786 F	-0.888 F	22.347	1435.4
16.00	16.35	27.819 F	-0.891 F	22.374	1435.4
17.00	17.38	27.871 F	-0.843 F	22.415	1435.7
18.00	18.41	27.954 F	-0.491 F	22.475	1437.5
19.00	19.40	28.072 G	0.011 F	22.556	1440.1
20.00	20.52	28.270 G	0.444 F	22.701	1442.4
21.00	21.44	28.517 F	0.506 F	22.897	1443.0
22.00	22.46	28.781 F	0.346 F	23.115	1442.6
23.00	23.42	29.005 F	0.089 F	23.304	1441.8
24.00	24.50	29.177 F	-0.170 C	23.451	1440.8
25.00	25.49	29.303 F	-0.386 D	23.559	1440.0
26.00	26.53	29.394 F	-0.578 D	23.637	1439.3
27.00	27.51	29.463 F	-0.735 D	23.697	1438.6
28.00	28.56	29.508 F	-0.857 F	23.736	1438.1
29.00	29.55	29.535 F	-0.915 F	23.750	1437.9
30.00	30.58	29.548 F	-0.950 F	23.771	1437.8
31.00	31.61	29.557 F	-0.974 C	23.778	1437.7
32.00	32.53	29.563 F	-0.992 C	23.784	1437.6
33.00	33.59	29.570 F	-1.007 C	23.790	1437.6
34.00	34.62	29.575 F	-1.022 C	23.794	1437.5
35.00	35.63	29.581 F	-1.043 C	23.799	1437.5
36.00	36.63	29.586 F	-1.065 C	23.804	1437.4
37.00	37.63	29.591 F	-1.091 C	23.808	1437.3
38.00	38.67	29.597 F	-1.119 C	23.814	1437.2
39.00	39.63	29.603 F	-1.143 C	23.819	1437.1
40.00	40.66	29.608 F	-1.161 C	23.823	1437.0
41.00	41.70	29.611 F	-1.171 C	23.826	1437.0
42.00	42.72	29.611 F	-1.180 C	23.826	1437.0
43.00	43.73	29.610 F	-1.188 C	23.825	1437.0
44.00	44.65	29.609 F	-1.197 C	23.825	1436.9
45.00	45.69	29.608 F	-1.204 C	23.824	1436.9
46.00	46.73	29.608 F	-1.208 C	23.824	1436.9
47.00	47.71	29.607 F	-1.210 C	23.823	1436.9
48.00	48.70	29.607 F	-1.212 C	23.823	1436.9
49.00	49.71	29.608 F	-1.215 C	23.824	1436.9
50.00	50.74	29.608 F	-1.218 C	23.824	1436.9
51.00	51.74	29.608 F	-1.223 C	23.824	1436.9
52.00	52.73	29.609 F	-1.228 C	23.825	1436.9
53.00	53.78	29.611 F	-1.232 C	23.827	1436.9
54.00	54.81	29.612 F	-1.235 C	23.828	1436.9
55.00	55.83	29.613 F	-1.237 C	23.829	1436.9
56.00	56.38	29.612 F	-1.240 C	23.828	1436.9
57.00	57.85	29.611 F	-1.242 C	23.827	1436.9
58.00	58.81	29.609 F	-1.245 C	23.826	1436.9
59.00	59.88	29.609 F	-1.249 C	23.826	1436.9
60.00	60.86	29.609 F	-1.254 C	23.826	1436.9
61.00	61.82	29.611 F	-1.251 C	23.827	1436.9
62.00	62.83	29.613 F	-1.267 C	23.829	1436.9
63.00	63.94	29.613 F	-1.274 C	23.829	1436.9
64.00	64.90	29.612 F	-1.280 C	23.829	1436.9
65.00	65.90	29.611 F	-1.287 C	23.828	1436.9
66.00	66.85	29.610 F	-1.293 C	23.827	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.95	29.610 E	-1.300 C	23.827	1436.8
68.00	68.95	29.609 E	-1.305 C	23.827	1436.8
69.00	70.00	29.609 E	-1.309 C	23.827	1436.8
70.00	70.95	29.609 E	-1.313 C	23.827	1436.8
71.00	71.95	29.609 E	-1.315 C	23.827	1436.8
72.00	73.00	29.608 E	-1.317 C	23.826	1436.8

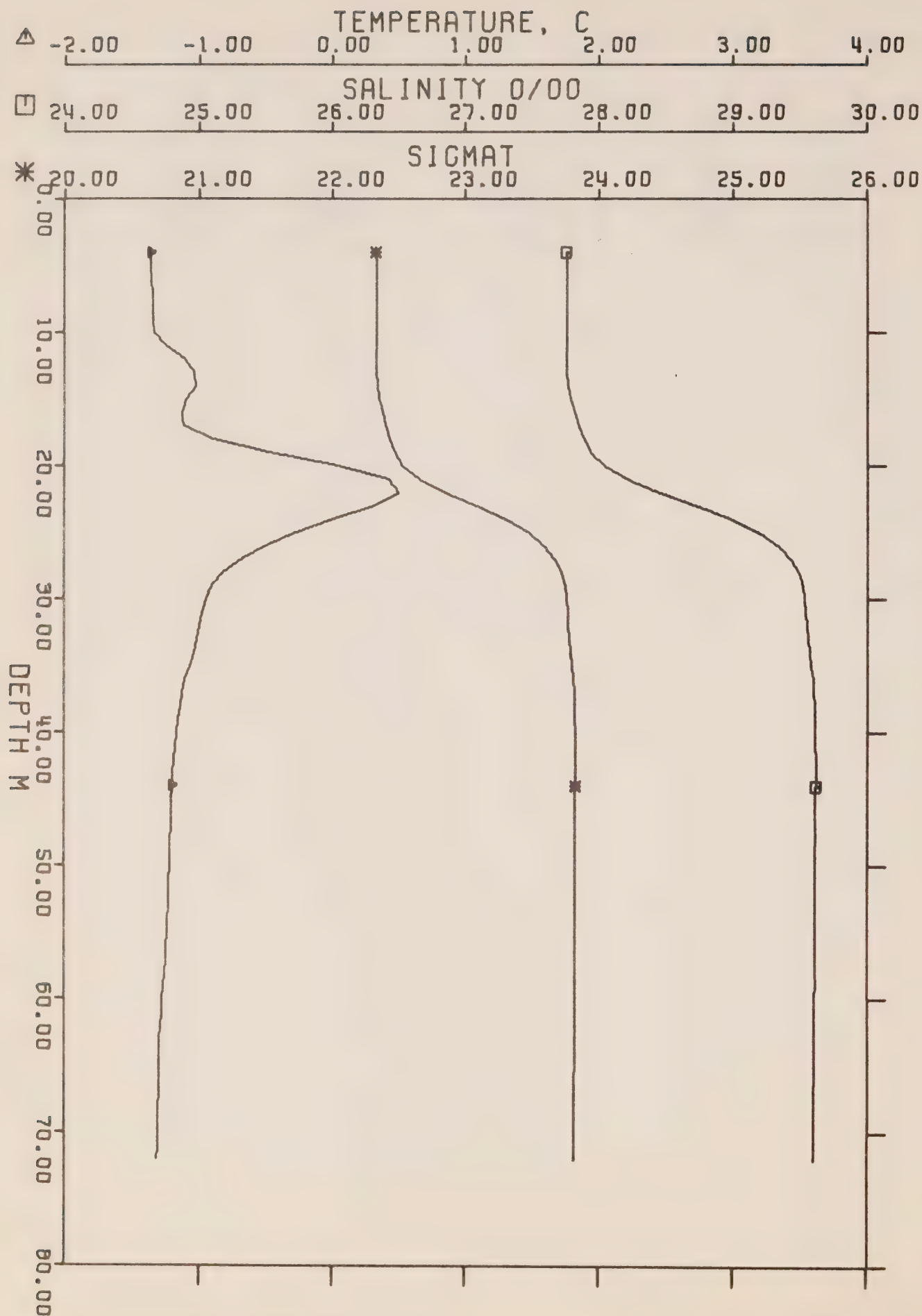


CRUISE 02-71-016 CR2 CAMBRIDGE BAY EXPER. NO. 507
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 021271 LOCAL TIME 1700

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.20	27.767 F	-1.353 C	22.338	1433.0
5.00	5.30	27.765 F	-1.353 C	22.336	1433.0
6.00	6.25	27.762 F	-1.353 C	22.334	1433.0
7.00	7.30	27.755 F	-1.353 C	22.328	1433.0
8.00	8.18	27.745 F	-1.312 F	22.320	1433.2
9.00	9.21	27.735 F	-1.179 F	22.311	1433.8
10.00	10.32	27.737 F	-1.056 F	22.310	1434.4
11.00	11.31	27.752 F	-1.006 F	22.321	1434.7
12.00	12.34	27.775 F	-1.047 F	22.340	1434.6
13.00	13.32	27.790 F	-1.092 F	22.353	1434.4
14.00	14.26	27.797 F	-1.075 F	22.359	1434.5
15.00	15.30	27.786 F	-1.035 F	22.349	1434.7
16.00	16.38	27.809 F	-0.936 F	22.366	1435.2
17.00	17.41	27.852 G	-0.826 F	22.399	1435.8
18.00	18.39	27.965 G	-0.445 F	22.482	1437.8
19.00	19.32	28.094 G	0.022 F	22.573	1440.1
20.00	20.40	28.297 G	0.461 F	22.722	1442.5
21.00	21.44	28.532 F	0.522 F	22.908	1443.1
22.00	22.44	28.798 F	0.318 F	23.129	1442.5
23.00	23.33	29.032 F	0.017 F	23.328	1441.5
24.00	24.36	29.210 F	-0.259 C	23.480	1440.5
25.00	25.46	29.332 F	-0.464 C	23.584	1439.7
26.00	26.38	29.413 F	-0.636 C	23.654	1439.0
27.00	27.45	29.470 F	-0.783 C	23.704	1438.4
28.00	28.46	29.509 F	-0.880 D	23.738	1438.0
29.00	29.45	29.531 F	-0.929 D	23.756	1437.8
30.00	30.46	29.542 F	-0.947 D	23.766	1437.8
31.00	31.51	29.548 F	-0.959 C	23.771	1437.8
32.00	32.48	29.553 F	-0.980 C	23.775	1437.7
33.00	33.46	29.558 F	-1.010 C	23.780	1437.6
34.00	34.48	29.564 F	-1.040 C	23.785	1437.4
35.00	35.53	29.571 F	-1.070 C	23.792	1437.3
36.00	36.52	29.578 F	-1.099 C	23.798	1437.2
37.00	37.55	29.585 F	-1.126 C	23.804	1437.1
38.00	38.61	29.589 F	-1.142 C	23.803	1437.1
39.00	39.58	29.591 F	-1.152 C	23.809	1437.0
40.00	40.58	29.594 F	-1.162 C	23.812	1437.0
41.00	41.60	29.597 F	-1.172 C	23.815	1437.0
42.00	42.60	29.600 F	-1.181 C	23.817	1437.0
43.00	43.68	29.602 F	-1.189 C	23.819	1436.0
44.00	44.70	29.602 F	-1.196 C	23.819	1436.0
45.00	45.68	29.602 F	-1.202 C	23.819	1436.0
46.00	46.63	29.601 F	-1.207 C	23.818	1436.0
47.00	47.66	29.601 F	-1.211 C	23.818	1436.0
48.00	48.65	29.601 F	-1.215 C	23.819	1436.0
49.00	49.66	29.602 F	-1.218 C	23.819	1436.0
50.00	50.70	29.602 F	-1.220 C	23.819	1436.0
51.00	51.79	29.601 F	-1.221 C	23.819	1436.0
52.00	52.69	29.600 F	-1.223 C	23.818	1436.0
53.00	53.71	29.600 F	-1.225 C	23.818	1436.0
54.00	54.79	29.600 F	-1.229 C	23.818	1436.0
55.00	55.79	29.602 F	-1.232 C	23.820	1436.0
56.00	56.77	29.603 F	-1.236 C	23.821	1436.0
57.00	57.78	29.604 F	-1.240 C	23.821	1436.0
58.00	58.82	29.604 F	-1.243 C	23.821	1436.0
59.00	59.77	29.603 F	-1.248 C	23.821	1436.0
60.00	60.79	29.603 F	-1.251 C	23.821	1436.0
61.00	61.78	29.605 F	-1.257 C	23.823	1436.0
62.00	62.80	29.608 F	-1.264 C	23.825	1436.0
63.00	63.87	29.610 F	-1.273 C	23.827	1436.0
64.00	64.87	29.609 F	-1.280 C	23.826	1436.0
65.00	65.89	29.607 F	-1.288 C	23.825	1436.8
66.00	66.85	29.606 F	-1.295 C	23.824	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.95	29.605 E	-1.303 C	23.823	1436.8
68.00	68.90	29.604 E	-1.306 C	23.823	1436.8
69.00	69.95	29.603 E	-1.309 C	23.822	1436.8
70.00	71.00	29.602 E	-1.310 C	23.821	1436.8
71.00	71.95	29.603 E	-1.313 C	23.822	1436.8
72.00	72.95	29.603 E	-1.316 C	23.822	1436.8

EXPERIMENT 509

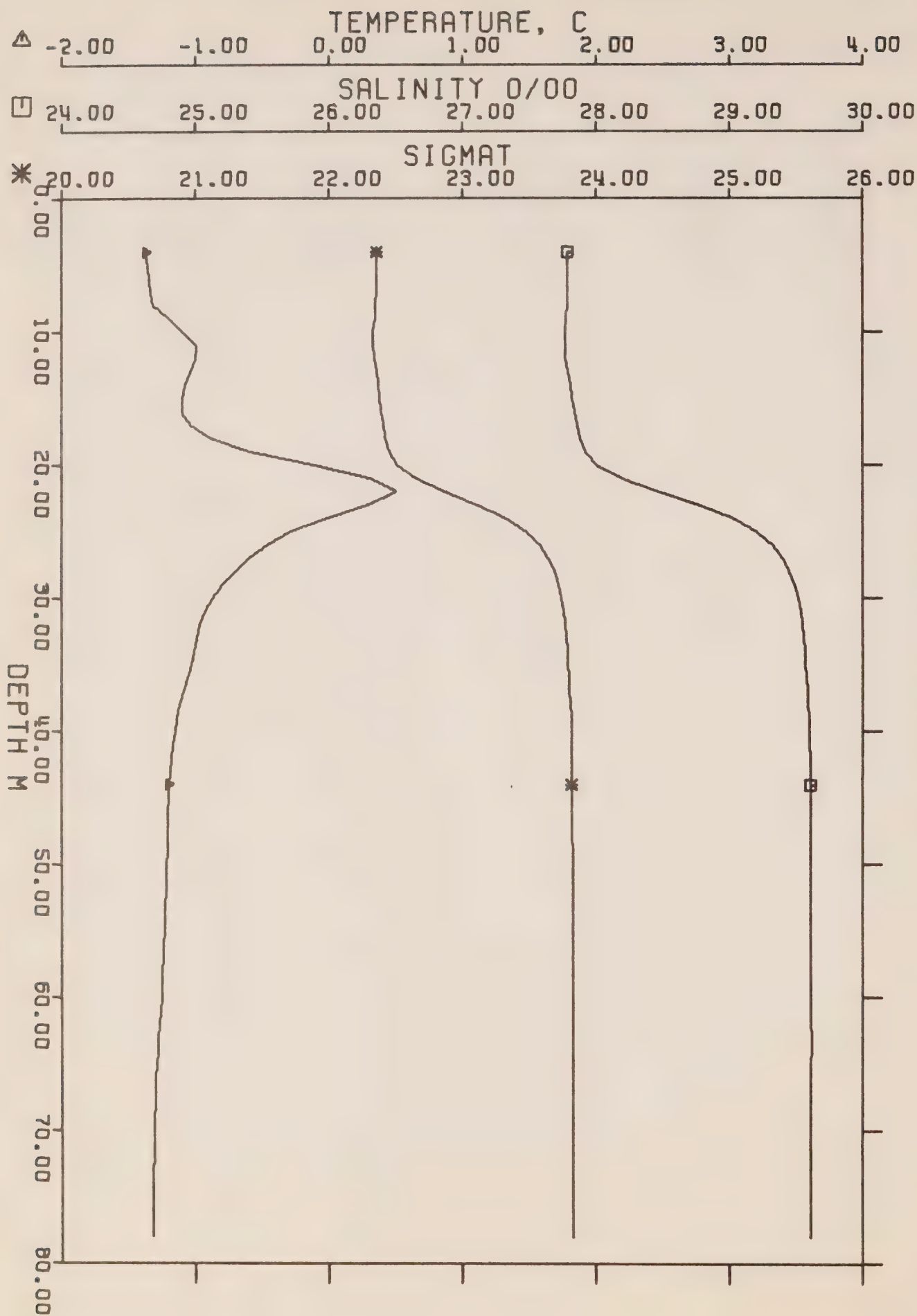


CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 509
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 031271 LOCAL TIME 0950

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.05	27.752 E	-1.362 D	22.334	1432.9
5.00	5.09	27.766 E	-1.356 D	22.337	1433.0
6.00	6.08	27.769 E	-1.351 D	22.339	1433.0
7.00	7.04	27.770 E	-1.345 D	22.340	1433.1
8.00	8.14	27.769 E	-1.340 D	22.339	1433.1
9.00	9.07	27.773 E	-1.336 D	22.342	1433.1
10.00	10.11	27.775 E	-1.329 D	22.344	1433.2
11.00	11.15	27.772 E	-1.240 F	22.341	1433.6
12.00	12.16	27.763 E	-1.102 F	22.332	1434.3
13.00	13.16	27.759 E	-1.026 F	22.327	1434.7
14.00	14.13	27.772 E	-1.024 F	22.338	1434.7
15.00	15.16	27.791 E	-1.100 F	22.354	1434.4
16.00	16.20	27.820 E	-1.129 F	22.378	1434.3
17.00	17.15	27.848 G	-1.107 F	22.400	1434.5
18.00	18.25	27.888 G	-0.891 F	22.429	1435.6
19.00	19.20	27.944 G	-0.471 F	22.466	1437.6
20.00	20.20	28.046 G	0.047 E	22.534	1440.2
21.00	21.16	28.217 G	0.428 F	22.659	1442.2
22.00	22.23	28.461 F	0.508 F	22.852	1442.9
23.00	23.23	28.745 F	0.323 F	23.087	1442.5
24.00	24.19	29.004 E	0.007 E	23.306	1441.4
25.00	25.23	29.205 E	-0.271 D	23.476	1440.4
26.00	26.34	29.342 E	-0.499 D	23.593	1439.5
27.00	27.34	29.433 E	-0.684 D	23.672	1438.8
28.00	28.33	29.489 E	-0.820 D	23.720	1438.3
29.00	29.34	29.519 E	-0.910 D	23.746	1437.9
30.00	30.36	29.534 E	-0.947 D	23.759	1437.8
31.00	31.29	29.541 E	-0.976 C	23.765	1437.7
32.00	32.31	29.549 E	-0.996 C	23.772	1437.6
33.00	33.31	29.557 E	-1.017 C	23.779	1437.5
34.00	34.33	29.568 E	-1.040 C	23.789	1437.4
35.00	35.33	29.582 E	-1.074 C	23.801	1437.3
36.00	36.39	29.596 E	-1.106 C	23.812	1437.2
37.00	37.36	29.603 E	-1.131 C	23.819	1437.1
38.00	38.43	29.607 E	-1.145 C	23.822	1437.1
39.00	39.41	29.608 E	-1.157 C	23.823	1437.0
40.00	40.45	29.612 E	-1.169 C	23.827	1437.0
41.00	41.39	29.615 E	-1.183 C	23.829	1437.0
42.00	42.46	29.618 E	-1.193 C	23.832	1436.9
43.00	43.42	29.617 E	-1.199 C	23.831	1436.9
44.00	44.47	29.616 E	-1.202 C	23.830	1436.9
45.00	45.42	29.615 E	-1.207 C	23.830	1436.9
46.00	46.48	29.615 E	-1.211 C	23.830	1436.9
47.00	47.51	29.616 E	-1.215 C	23.831	1436.9
48.00	48.54	29.616 E	-1.218 C	23.831	1436.9
49.00	49.47	29.615 E	-1.222 C	23.830	1436.9
50.00	50.55	29.615 E	-1.224 C	23.830	1436.9
51.00	51.55	29.615 E	-1.228 C	23.830	1436.9
52.00	52.53	29.615 E	-1.230 C	23.830	1436.9
53.00	53.56	29.615 E	-1.234 C	23.830	1436.9
54.00	54.59	29.615 E	-1.237 C	23.830	1436.9
55.00	55.53	29.613 E	-1.241 C	23.829	1436.9
56.00	56.54	29.613 E	-1.246 C	23.829	1436.9
57.00	57.58	29.614 E	-1.251 C	23.830	1436.9
58.00	58.60	29.615 E	-1.258 C	23.831	1436.9
59.00	59.67	29.616 E	-1.267 C	23.832	1436.9
60.00	60.64	29.615 E	-1.276 C	23.831	1436.8
61.00	61.65	29.613 E	-1.284 C	23.829	1436.8
62.00	62.63	29.612 E	-1.290 C	23.829	1436.8
63.00	63.65	29.611 E	-1.296 C	23.828	1436.8
64.00	64.70	29.610 E	-1.301 C	23.827	1436.8
65.00	65.70	29.608 E	-1.303 C	23.826	1436.8
66.00	66.70	29.606 E	-1.304 C	23.824	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.70	29.605 F	-1.305 C	23.823	1436.8
68.00	68.75	29.604 F	-1.306 C	23.823	1436.8
69.00	69.75	29.604 F	-1.308 C	23.823	1436.8
70.00	70.80	29.604 F	-1.311 C	23.823	1436.8
71.00	71.75	29.604 F	-1.315 C	23.823	1436.8
72.00	72.75	29.604 F	-1.318 C	23.823	1436.8

EXPERIMENT 514

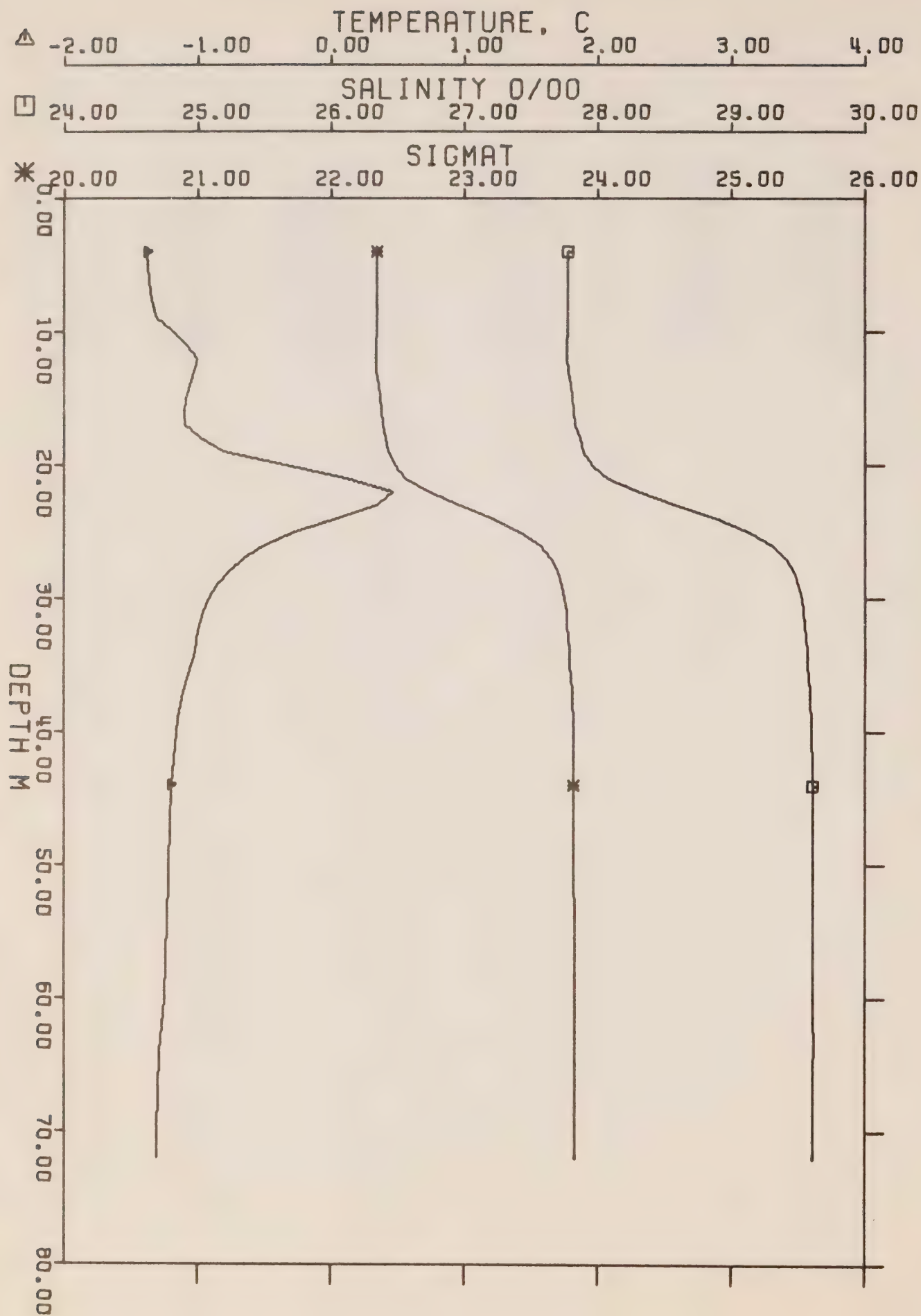


CRUISE 02-71-016 CBP CAMBRIDGE BAY EXPER. NO. 514
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 041271 LOCAL TIME 1100

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.02	27.795 F	-1.368 C	22.361	1432.9
5.00	5.11	27.793 F	-1.355 C	22.359	1433.0
6.00	6.08	27.791 F	-1.344 C	22.357	1433.1
7.00	7.11	27.792 F	-1.327 C	22.358	1433.2
8.00	8.09	27.786 F	-1.306 C	22.353	1433.3
9.00	9.07	27.781 F	-1.194 E	22.347	1433.8
10.00	10.15	27.767 F	-1.086 E	22.335	1434.3
11.00	11.18	27.769 F	-0.989 F	22.335	1434.3
12.00	12.15	27.775 F	-1.005 F	22.340	1434.8
13.00	13.17	27.794 F	-1.041 D	22.356	1434.6
14.00	14.17	27.808 F	-1.079 D	22.368	1434.5
15.00	15.15	27.824 F	-1.104 D	22.381	1434.4
16.00	16.23	27.839 F	-1.105 D	22.393	1434.4
17.00	17.16	27.858 F	-1.032 E	22.407	1434.3
18.00	18.23	27.878 F	-0.876 E	22.421	1435.6
19.00	19.16	27.916 F	-0.591 D	22.446	1437.0
20.00	20.20	28.013 G	-0.107 D	22.512	1439.4
21.00	21.24	28.198 G	0.315 D	22.647	1441.7
22.00	22.27	28.480 G	0.508 G	22.867	1443.0
23.00	23.25	28.777 F	0.289 F	23.114	1442.4
24.00	24.24	29.039 F	-0.011 D	23.335	1441.4
25.00	25.28	29.214 F	-0.290 D	23.484	1440.3
26.00	26.21	29.331 F	-0.463 D	23.584	1439.7
27.00	27.27	29.400 F	-0.604 D	23.643	1439.2
28.00	28.32	29.451 F	-0.701 D	23.686	1438.8
29.00	29.29	29.487 F	-0.798 D	23.718	1438.4
30.00	30.31	29.516 F	-0.874 D	23.743	1438.1
31.00	31.31	29.536 F	-0.933 D	23.760	1437.9
32.00	32.36	29.550 F	-0.968 D	23.773	1437.7
33.00	33.37	29.559 F	-0.991 D	23.780	1437.7
34.00	34.35	29.566 F	-1.010 C	23.786	1437.6
35.00	35.41	29.573 F	-1.032 C	23.792	1437.5
36.00	36.34	29.580 F	-1.059 C	23.799	1437.4
37.00	37.36	29.586 F	-1.092 C	23.804	1437.3
38.00	38.38	29.594 F	-1.117 C	23.811	1437.2
39.00	39.38	29.599 F	-1.138 C	23.816	1437.1
40.00	40.46	29.603 F	-1.155 C	23.819	1437.1
41.00	41.37	29.605 F	-1.170 C	23.821	1437.0
42.00	42.41	29.607 F	-1.185 C	23.823	1436.9
43.00	43.39	29.608 F	-1.194 C	23.824	1436.9
44.00	44.48	29.608 F	-1.201 C	23.824	1436.9
45.00	45.43	29.609 F	-1.205 C	23.825	1436.9
46.00	46.45	29.609 F	-1.207 C	23.825	1436.9
47.00	47.48	29.609 F	-1.210 C	23.825	1436.9
48.00	48.52	29.609 F	-1.213 C	23.825	1436.9
49.00	49.48	29.610 F	-1.214 C	23.826	1436.9
50.00	50.55	29.610 F	-1.217 C	23.826	1436.9
51.00	51.53	29.611 F	-1.219 C	23.827	1436.9
52.00	52.56	29.612 F	-1.224 C	23.828	1436.9
53.00	53.58	29.612 F	-1.228 C	23.828	1436.9
54.00	54.52	29.611 F	-1.233 C	23.827	1436.9
55.00	55.56	29.610 F	-1.235 C	23.826	1436.9
56.00	56.62	29.610 F	-1.238 C	23.826	1436.9
57.00	57.58	29.610 F	-1.241 C	23.826	1436.9
58.00	58.60	29.610 F	-1.246 C	23.826	1436.9
59.00	59.57	29.610 F	-1.249 C	23.826	1436.9
60.00	60.58	29.611 F	-1.254 C	23.827	1436.9
61.00	61.60	29.613 F	-1.261 C	23.829	1436.9
62.00	62.66	29.615 F	-1.268 C	23.831	1436.9
63.00	63.71	29.616 F	-1.277 C	23.832	1436.9
64.00	64.63	29.616 F	-1.285 C	23.832	1436.9
65.00	65.65	29.615 F	-1.292 C	23.831	1436.8
66.00	66.65	29.613 F	-1.298 C	23.830	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.70	29.612 F	-1.301 C	23.829	1436.8
68.00	68.60	29.611 E	-1.303 C	23.828	1436.8
69.00	69.75	29.611 E	-1.306 C	23.828	1436.8
70.00	70.65	29.611 E	-1.310 C	23.828	1436.8
71.00	71.75	29.611 E	-1.312 C	23.828	1436.8
72.00	72.80	29.611 E	-1.315 C	23.828	1436.8
73.00	73.70	29.611 E	-1.316 C	23.828	1436.8
74.00	74.85	29.611 E	-1.318 C	23.828	1436.9
75.00	75.80	29.611 E	-1.319 C	23.828	1436.9
76.00	76.75	29.610 E	-1.321 C	23.828	1436.9
77.00	77.85	29.611 E	-1.322 C	23.828	1436.9
78.00	78.80	29.611 E	-1.324 C	23.829	1436.9

EXPERIMENT 515



CRUISE 02-71-016 CB2

CAMBRIDGE BAY

EXPER. NO. 515

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INCR. 1.00

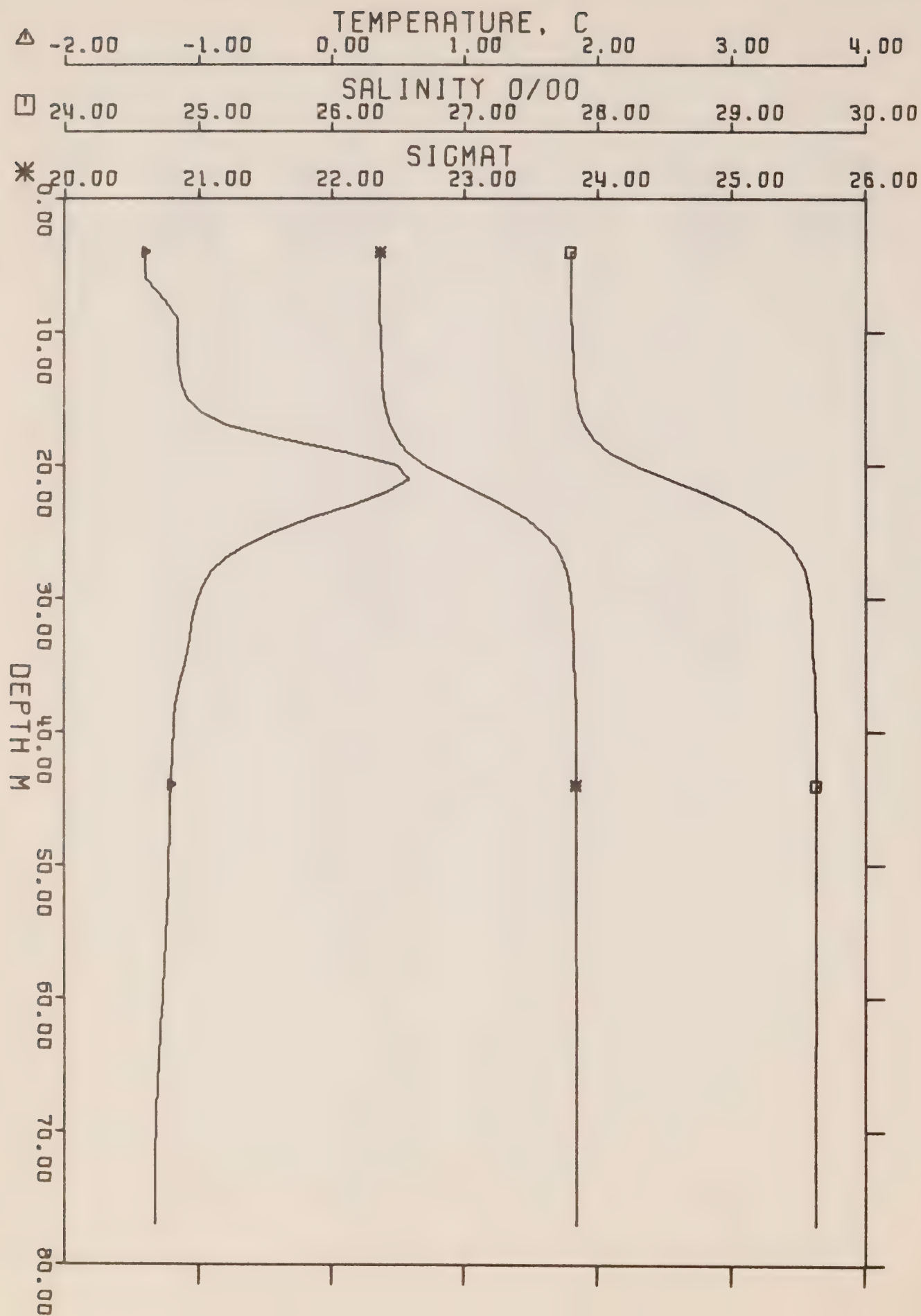
DATE 041271

LOCAL TIME 1120

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	3.92	27.779 F	-1.375 C	22.348	1432.9
5.00	4.93	27.780 F	-1.366 C	22.348	1432.9
6.00	5.85	27.782 E	-1.358 C	22.350	1433.0
7.00	6.89	27.781 E	-1.347 C	22.349	1433.1
8.00	7.91	27.782 E	-1.330 D	22.350	1433.2
9.00	8.89	27.781 F	-1.300 D	22.349	1433.3
10.00	9.90	27.780 F	-1.183 F	22.346	1433.9
11.00	10.97	27.771 E	-1.076 E	22.338	1434.4
12.00	11.95	27.773 E	-1.000 E	22.338	1434.8
13.00	12.97	27.780 E	-1.031 D	22.344	1434.7
14.00	14.01	27.796 E	-1.063 D	22.358	1434.5
15.00	14.98	27.808 F	-1.091 D	22.368	1434.4
16.00	16.02	27.821 E	-1.103 D	22.378	1434.4
17.00	16.96	27.833 E	-1.090 E	22.388	1434.5
18.00	17.99	27.866 F	-0.970 F	22.413	1435.2
19.00	19.01	27.887 F	-0.801 E	22.427	1436.0
20.00	20.09	27.964 F	-0.737 E	22.479	1438.3
21.00	21.04	28.083 G	0.117 F	22.562	1440.6
22.00	22.00	28.324 F	0.467 F	22.743	1442.6
23.00	23.06	28.601 F	0.352 F	22.970	1442.4
24.00	24.06	28.896 E	0.052 C	23.218	1441.5
25.00	25.04	29.136 F	-0.274 C	23.421	1440.3
26.00	26.14	29.308 E	-0.498 D	23.566	1439.5
27.00	27.15	29.412 E	-0.660 D	23.654	1438.0
28.00	28.18	29.467 E	-0.773 D	23.701	1438.6
29.00	29.09	29.502 E	-0.860 D	23.731	1438.1
30.00	30.10	29.526 E	-0.924 D	23.752	1437.0
31.00	31.17	29.542 E	-0.962 D	23.766	1437.7
32.00	32.15	29.552 E	-0.988 D	23.775	1437.6
33.00	33.14	29.560 E	-1.007 D	23.781	1437.6
34.00	34.16	29.567 E	-1.024 C	23.787	1437.5
35.00	35.24	29.575 E	-1.047 C	23.794	1437.4
36.00	36.16	29.582 E	-1.079 C	23.801	1437.3
37.00	37.24	29.590 E	-1.109 C	23.808	1437.2
38.00	38.21	29.595 E	-1.131 C	23.812	1437.1
39.00	39.17	29.599 E	-1.146 C	23.816	1437.1
40.00	40.26	29.603 E	-1.158 C	23.819	1437.0
41.00	41.26	29.604 E	-1.171 C	23.820	1437.0
42.00	42.23	29.606 E	-1.181 C	23.822	1437.0
43.00	43.21	29.607 E	-1.191 C	23.823	1436.9
44.00	44.33	29.609 E	-1.199 C	23.825	1436.9
45.00	45.34	29.609 E	-1.203 C	23.825	1436.9
46.00	46.32	29.608 E	-1.207 C	23.824	1436.9
47.00	47.31	29.607 E	-1.210 C	23.823	1436.9
48.00	48.28	29.606 E	-1.214 C	23.823	1436.9
49.00	49.29	29.607 E	-1.216 C	23.823	1436.9
50.00	50.32	29.603 E	-1.219 C	23.824	1436.9
51.00	51.36	29.608 E	-1.221 C	23.824	1436.9
52.00	52.38	29.608 E	-1.225 C	23.824	1436.9
53.00	53.34	29.609 E	-1.229 C	23.825	1436.9
54.00	54.37	29.609 E	-1.233 C	23.825	1436.9
55.00	55.41	29.609 E	-1.235 C	23.825	1436.9
56.00	56.40	29.609 E	-1.238 C	23.825	1436.9
57.00	57.42	29.609 E	-1.241 C	23.825	1436.9
58.00	58.48	29.610 E	-1.245 C	23.826	1436.9
59.00	59.45	29.611 E	-1.249 C	23.827	1436.9
60.00	60.46	29.612 E	-1.254 C	23.828	1436.9
61.00	61.47	29.614 E	-1.261 C	23.830	1436.9
62.00	62.41	29.615 E	-1.269 C	23.831	1436.9
63.00	63.49	29.617 E	-1.278 C	23.833	1436.9
64.00	64.48	29.617 E	-1.286 C	23.833	1436.8
65.00	65.50	29.615 E	-1.293 C	23.831	1436.8
66.00	66.40	29.613 E	-1.298 C	23.830	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.40	29.611 E	-1.301 C	23.828	1436.8
68.00	68.50	29.611 E	-1.304 C	23.828	1436.8
69.00	69.45	29.611 E	-1.306 C	23.828	1436.8
70.00	70.50	29.611 E	-1.310 C	23.828	1436.8
71.00	71.50	29.611 E	-1.313 C	23.828	1436.8
72.00	72.50	29.612 E	-1.315 C	23.829	1436.8

EXPERIMENT 527

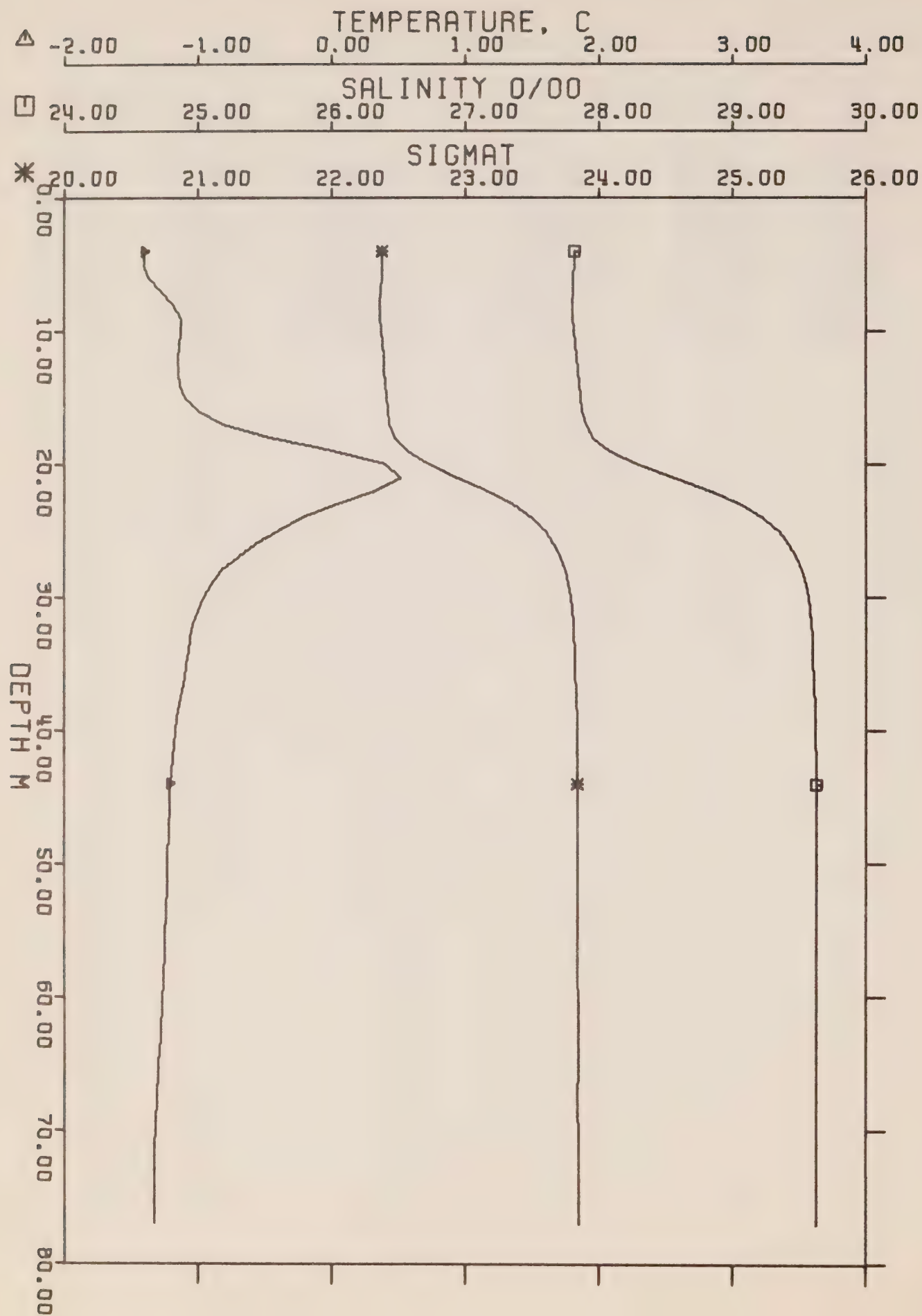


CRUISE 02-71-216 CB2 CAMBRIDGE BAY EXPER. NO. 527
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 041271 LOCAL TIME 1625

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.32	27.802 F	-1.397 C	22.367	1432.8
5.00	5.32	27.807 F	-1.398 C	22.371	1432.8
6.00	6.30	27.806 F	-1.389 C	22.370	1432.9
7.00	7.40	27.804 F	-1.305 D	22.367	1433.3
8.00	8.37	27.797 F	-1.225 D	22.361	1433.7
9.00	9.31	27.801 F	-1.155 D	22.363	1434.0
10.00	10.36	27.806 F	-1.162 D	22.367	1434.0
11.00	11.41	27.814 F	-1.161 D	22.374	1434.1
12.00	12.35	27.818 F	-1.152 D	22.377	1434.1
13.00	13.39	27.823 F	-1.140 D	22.381	1434.2
14.00	14.40	27.827 F	-1.123 D	22.384	1434.3
15.00	15.42	27.837 F	-1.076 F	22.391	1434.6
16.00	16.39	27.862 F	-0.980 F	22.410	1435.1
17.00	17.40	27.901 F	-0.791 F	22.438	1436.0
18.00	18.45	27.972 F	-0.383 F	22.486	1438.1
19.00	19.49	28.092 G	0.103 F	22.569	1440.5
20.00	20.48	28.285 G	0.498 D	22.711	1442.6
21.00	21.53	28.526 G	0.590 F	22.900	1443.4
22.00	22.47	28.777 F	0.425 F	23.108	1443.0
23.00	23.47	29.008 F	0.150 F	23.304	1442.1
24.00	24.55	29.195 E	-0.169 D	23.465	1440.9
25.00	25.48	29.340 E	-0.427 D	23.590	1439.9
26.00	26.53	29.439 E	-0.643 D	23.675	1439.0
27.00	27.47	29.505 E	-0.798 D	23.732	1438.4
28.00	28.52	29.546 E	-0.905 D	23.768	1438.0
29.00	29.51	29.571 F	-0.970 D	23.790	1437.7
30.00	30.56	29.586 F	-1.013 D	23.803	1437.5
31.00	31.59	29.594 E	-1.040 D	23.810	1437.4
32.00	32.58	29.598 F	-1.057 D	23.813	1437.4
33.00	33.64	29.601 F	-1.069 C	23.816	1437.3
34.00	34.65	29.605 E	-1.088 C	23.819	1437.3
35.00	35.57	29.611 F	-1.114 C	23.825	1437.2
36.00	36.57	29.618 F	-1.142 C	23.931	1437.1
37.00	37.66	29.622 F	-1.164 C	23.835	1437.0
38.00	38.66	29.624 F	-1.178 C	23.836	1436.9
39.00	39.67	29.626 E	-1.187 C	23.838	1436.9
40.00	40.72	29.627 E	-1.194 C	23.839	1436.9
41.00	41.75	29.628 E	-1.199 C	23.840	1436.9
42.00	42.68	29.628 F	-1.204 C	23.840	1436.9
43.00	43.69	29.630 E	-1.210 C	23.842	1436.9
44.00	44.77	29.631 E	-1.214 C	23.843	1436.9
45.00	45.71	29.631 E	-1.218 C	23.843	1436.9
46.00	46.67	29.631 F	-1.220 C	23.843	1436.9
47.00	47.75	29.630 F	-1.222 C	23.842	1436.9
48.00	48.76	29.630 F	-1.225 C	23.842	1436.9
49.00	49.76	29.630 E	-1.227 C	23.842	1436.9
50.00	50.75	29.630 F	-1.230 C	23.842	1436.9
51.00	51.84	29.631 F	-1.232 C	23.843	1436.9
52.00	52.84	29.630 F	-1.234 C	23.842	1436.9
53.00	53.80	29.629 E	-1.237 C	23.842	1436.9
54.00	54.78	29.629 F	-1.242 C	23.842	1436.9
55.00	55.79	29.629 E	-1.247 C	23.842	1436.9
56.00	56.77	29.630 E	-1.253 C	23.843	1436.9
57.00	57.84	29.632 E	-1.258 C	23.844	1436.9
58.00	58.85	29.633 E	-1.262 C	23.845	1436.9
59.00	59.90	29.634 E	-1.266 C	23.846	1436.9
60.00	60.89	29.635 F	-1.271 C	23.847	1436.9
61.00	61.90	29.636 F	-1.278 C	23.848	1436.9
62.00	62.96	29.637 F	-1.286 C	23.849	1436.8
63.00	63.85	29.636 E	-1.293 C	23.848	1436.8
64.00	64.95	29.635 E	-1.298 C	23.847	1436.8
65.00	65.00	29.633 E	-1.302 C	23.846	1436.8
66.00	66.95	29.632 E	-1.307 C	23.845	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.90	29.632 E	-1.312 C	23.845	1436.8
68.00	68.95	29.633 E	-1.316 C	23.846	1436.8
69.00	70.00	29.633 F	-1.319 C	23.846	1436.8
70.00	71.00	29.634 E	-1.322 C	23.847	1436.8
71.00	72.00	29.635 E	-1.326 C	23.848	1436.8
72.00	72.95	29.635 F	-1.328 C	23.848	1436.8
73.00	74.05	29.635 F	-1.330 C	23.848	1436.8
74.00	75.00	29.634 F	-1.330 C	23.847	1436.8
75.00	76.00	29.633 F	-1.330 C	23.846	1436.8
76.00	77.05	29.632 F	-1.331 C	23.846	1436.9
77.00	78.10	29.632 E	-1.331 C	23.846	1436.9

EXPERIMENT 528



CRUISE 02-71-016 CB2

CAMBRIDGE BAY

EXPER. NO. 529

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INCR. 1.00

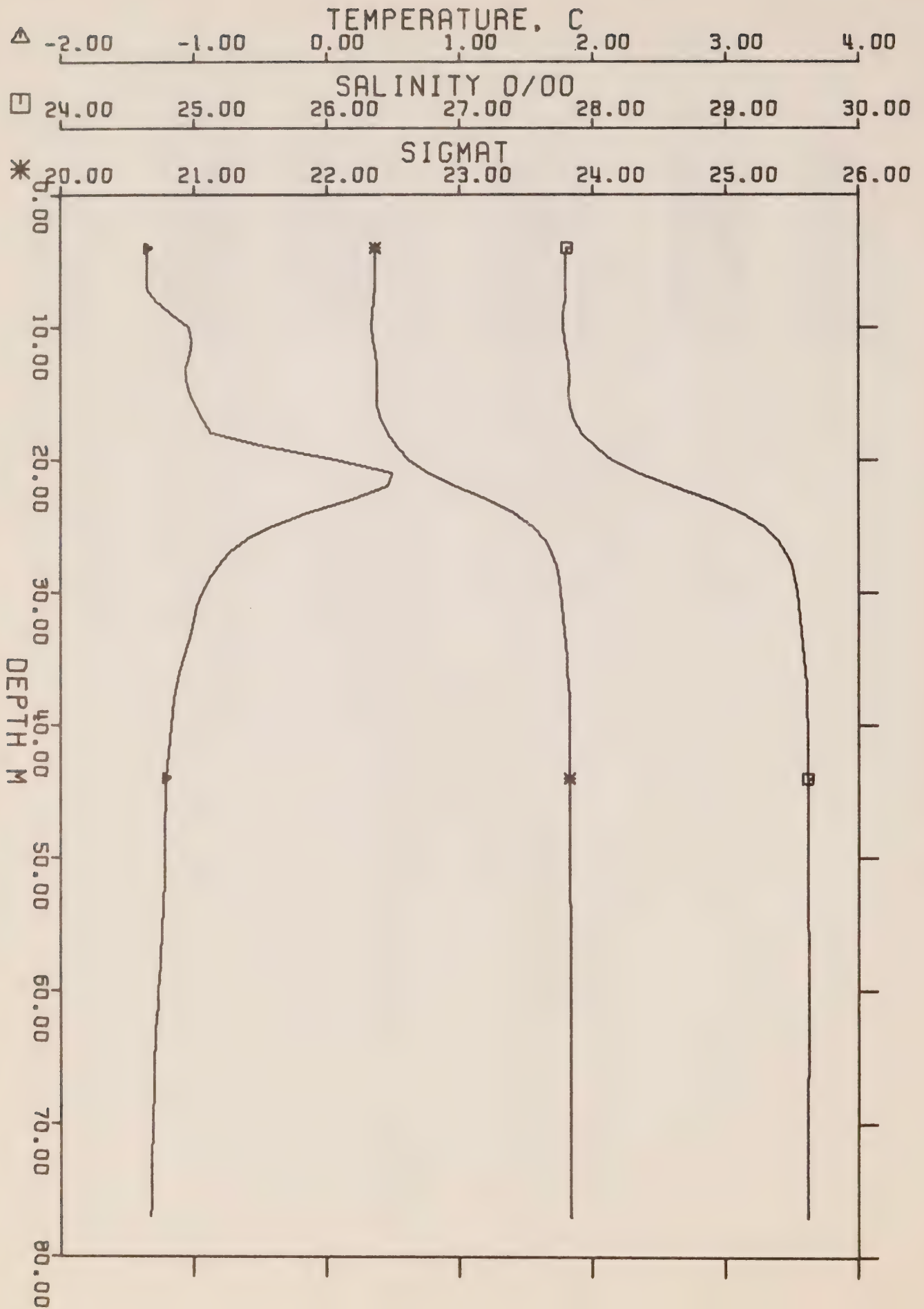
DATE 041271

LOCAL TIME 1650

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.18	27.822 E	-1.397 D	22.383	1432.8
5.00	5.22	27.819 E	-1.397 D	22.380	1432.8
6.00	6.16	27.813 F	-1.363 F	22.375	1433.0
7.00	7.18	27.806 F	-1.271 F	22.368	1433.5
8.00	8.16	27.800 F	-1.177 F	22.362	1433.9
9.00	9.18	27.804 E	-1.116 E	22.365	1434.2
10.00	10.22	27.813 E	-1.127 F	22.372	1434.2
11.00	11.17	27.824 E	-1.142 F	22.381	1434.2
12.00	12.26	27.832 E	-1.148 E	22.388	1434.2
13.00	13.20	27.840 E	-1.142 E	22.394	1434.2
14.00	14.20	27.848 F	-1.127 F	22.401	1434.3
15.00	15.28	27.859 E	-1.089 F	22.409	1434.5
16.00	16.33	27.874 F	-0.991 E	22.420	1435.0
17.00	17.26	27.896 F	-0.805 F	22.434	1436.0
18.00	18.30	27.955 F	-0.456 E	22.474	1437.7
19.00	19.27	28.084 F	0.024 E	22.565	1440.1
20.00	20.27	28.305 F	0.415 E	22.730	1442.3
21.00	21.28	28.573 F	0.525 F	22.941	1443.2
22.00	22.37	28.844 F	0.334 F	23.166	1442.7
23.00	23.25	29.068 E	0.045 E	23.356	1441.7
24.00	24.30	29.235 E	-0.216 D	23.499	1440.7
25.00	25.38	29.349 F	-0.404 D	23.596	1440.0
26.00	26.35	29.425 F	-0.565 D	23.662	1439.4
27.00	27.36	29.483 E	-0.703 D	23.712	1438.8
28.00	28.34	29.523 E	-0.825 D	23.748	1438.3
29.00	29.36	29.553 E	-0.901 D	23.773	1438.0
30.00	30.38	29.570 E	-0.958 D	23.788	1437.8
31.00	31.38	29.582 E	-1.001 D	23.799	1437.6
32.00	32.46	29.591 E	-1.036 D	23.807	1437.5
33.00	33.39	29.597 E	-1.060 C	23.812	1437.4
34.00	34.41	29.601 E	-1.073 C	23.816	1437.3
35.00	35.41	29.604 E	-1.088 C	23.819	1437.3
36.00	36.48	29.609 E	-1.104 C	23.823	1437.2
37.00	37.47	29.615 E	-1.124 C	23.828	1437.2
38.00	38.47	29.620 E	-1.143 C	23.833	1437.1
39.00	39.55	29.623 E	-1.160 C	23.835	1437.0
40.00	40.51	29.624 E	-1.172 C	23.836	1437.0
41.00	41.51	29.624 E	-1.182 C	23.837	1437.0
42.00	42.45	29.625 E	-1.193 C	23.838	1436.9
43.00	43.55	29.627 E	-1.202 C	23.839	1436.9
44.00	44.57	29.629 E	-1.207 C	23.841	1436.9
45.00	45.58	29.629 E	-1.211 C	23.841	1436.9
46.00	46.55	29.628 E	-1.215 C	23.840	1436.9
47.00	47.58	29.628 F	-1.220 C	23.840	1436.9
48.00	48.55	29.627 F	-1.223 C	23.840	1436.9
49.00	49.59	29.627 F	-1.226 C	23.840	1436.9
50.00	50.61	29.627 E	-1.229 C	23.840	1436.9
51.00	51.60	29.629 F	-1.232 C	23.842	1436.9
52.00	52.67	29.631 F	-1.235 C	23.843	1436.9
53.00	53.69	29.632 E	-1.239 C	23.844	1436.9
54.00	54.65	29.632 E	-1.244 C	23.844	1436.9
55.00	55.65	29.632 E	-1.249 C	23.844	1436.9
56.00	56.65	29.632 E	-1.253 C	23.844	1436.9
57.00	57.69	29.632 E	-1.255 C	23.844	1436.9
58.00	58.72	29.632 F	-1.258 C	23.844	1436.9
59.00	59.67	29.632 E	-1.262 C	23.844	1436.9
60.00	60.71	29.633 E	-1.266 C	23.845	1436.9
61.00	61.73	29.633 E	-1.270 C	23.845	1436.9
62.00	62.74	29.634 F	-1.276 C	23.846	1436.9
63.00	63.76	29.634 E	-1.282 C	23.846	1436.9
64.00	64.71	29.635 E	-1.290 C	23.847	1436.9
65.00	65.80	29.634 F	-1.296 C	23.847	1436.8
66.00	66.80	29.632 E	-1.302 C	23.845	1436.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.80	29.631 E	-1.307 C	23.844	1436.8
68.00	68.80	29.631 F	-1.313 C	23.844	1436.8
69.00	69.75	29.631 E	-1.318 C	23.845	1436.8
70.00	70.85	29.632 F	-1.322 C	23.845	1436.8
71.00	71.85	29.633 E	-1.326 C	23.846	1436.8
72.00	72.80	29.633 F	-1.328 C	23.846	1436.8
73.00	73.85	29.633 E	-1.330 C	23.846	1436.8
74.00	74.90	29.632 E	-1.331 C	23.846	1436.8
75.00	75.85	29.632 F	-1.331 C	23.846	1436.8
76.00	76.85	29.632 E	-1.332 C	23.846	1436.9
77.00	77.85	29.632 F	-1.332 C	23.846	1436.9

EXPERIMENT 530

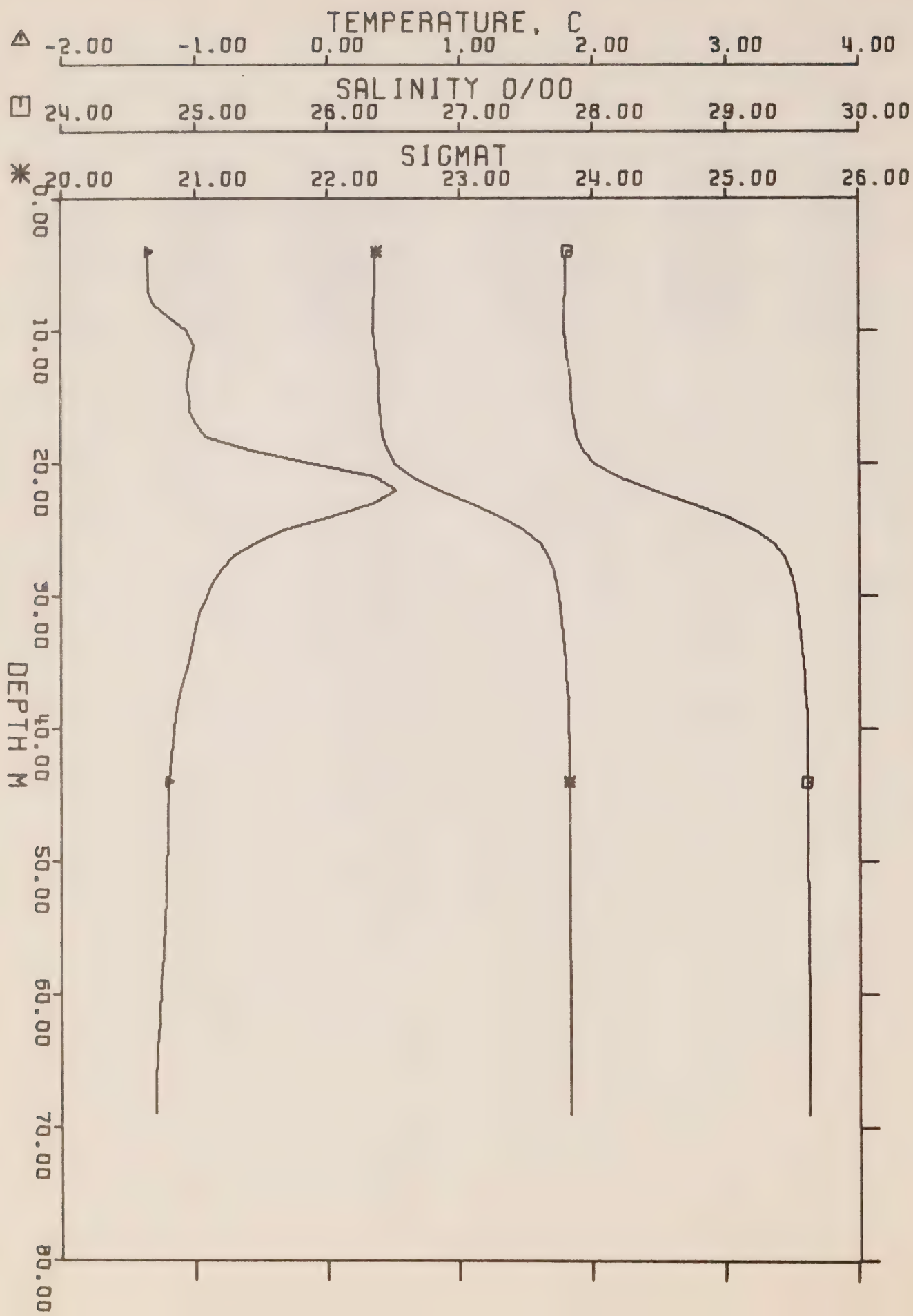


CRUISE 02-71-016 CB2 CAMBRIDGE BAY EXPER. NO. 530
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 051271 LOCAL TIME 0947

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	3.95	27.806 E	-1.350 C	22.369	1433.0
5.00	4.91	27.804 E	-1.352 C	22.368	1433.0
6.00	5.97	27.805 E	-1.353 C	22.368	1433.0
7.00	6.92	27.803 E	-1.350 C	22.367	1433.1
8.00	7.93	27.796 E	-1.285 D	22.361	1433.4
9.00	9.01	27.783 E	-1.158 D	22.348	1434.0
10.00	9.94	27.779 E	-1.033 D	22.344	1434.6
11.00	11.00	27.789 E	-1.007 D	22.351	1434.8
12.00	11.96	27.810 E	-1.034 D	22.369	1434.7
13.00	12.99	27.824 E	-1.061 D	22.380	1434.6
14.00	13.98	27.828 E	-1.049 D	22.383	1434.7
15.00	14.99	27.825 E	-1.016 D	22.380	1434.8
16.00	15.97	27.826 E	-0.974 D	22.381	1435.0
17.00	17.03	27.865 E	-0.922 D	22.411	1435.4
18.00	18.05	27.925 E	-0.859 D	22.459	1435.8
19.00	19.04	28.026 G	-0.449 F	22.532	1437.8
20.00	20.03	28.148 G	0.067 F	22.615	1440.4
21.00	21.08	28.356 G	0.505 F	22.767	1442.8
22.00	22.04	28.620 F	0.463 F	22.981	1442.9
23.00	23.10	28.902 E	0.191 E	23.218	1442.1
24.00	24.15	29.129 E	-0.137 D	23.411	1440.9
25.00	25.15	29.288 E	-0.412 D	23.547	1439.9
26.00	26.15	29.391 E	-0.606 D	23.636	1439.1
27.00	27.10	29.455 E	-0.743 D	23.691	1438.6
28.00	28.20	29.496 E	-0.818 D	23.726	1438.3
29.00	29.22	29.520 E	-0.889 D	23.747	1438.0
30.00	30.16	29.539 E	-0.935 D	23.763	1437.8
31.00	31.12	29.551 E	-0.980 D	23.774	1437.7
32.00	32.17	29.561 E	-1.004 D	23.782	1437.6
33.00	33.21	29.569 E	-1.025 C	23.789	1437.5
34.00	34.25	29.578 E	-1.053 C	23.797	1437.4
35.00	35.17	29.588 E	-1.082 C	23.806	1437.3
36.00	36.22	29.598 E	-1.111 C	23.814	1437.2
37.00	37.22	29.606 E	-1.133 C	23.821	1437.1
38.00	38.32	29.611 E	-1.150 C	23.825	1437.1
39.00	39.34	29.615 E	-1.162 C	23.829	1437.0
40.00	40.28	29.617 E	-1.173 C	23.831	1437.0
41.00	41.31	29.619 E	-1.185 C	23.833	1436.9
42.00	42.34	29.620 E	-1.195 C	23.834	1436.9
43.00	43.38	29.620 E	-1.203 C	23.834	1436.9
44.00	44.26	29.620 E	-1.209 C	23.834	1436.9
45.00	45.33	29.619 E	-1.213 C	23.833	1436.9
46.00	46.32	29.619 E	-1.215 C	23.833	1436.9
47.00	47.31	29.620 E	-1.216 C	23.834	1436.9
48.00	48.41	29.620 E	-1.216 C	23.834	1436.9
49.00	49.34	29.620 E	-1.216 C	23.834	1436.9
50.00	50.38	29.619 E	-1.217 C	23.833	1436.9
51.00	51.36	29.619 E	-1.219 C	23.833	1437.0
52.00	52.41	29.620 E	-1.223 C	23.834	1437.0
53.00	53.45	29.621 E	-1.229 C	23.835	1436.9
54.00	54.43	29.622 E	-1.234 C	23.836	1436.9
55.00	55.48	29.624 E	-1.238 C	23.838	1436.9
56.00	56.50	29.625 E	-1.243 C	23.838	1436.9
57.00	57.50	29.625 E	-1.249 C	23.839	1436.9
58.00	58.47	29.625 E	-1.255 C	23.839	1436.9
59.00	59.46	29.626 E	-1.261 C	23.840	1436.9
60.00	60.50	29.628 E	-1.268 C	23.841	1436.9
61.00	61.56	29.630 E	-1.273 C	23.843	1436.9
62.00	62.51	29.631 E	-1.280 C	23.844	1436.9
63.00	63.59	29.632 E	-1.286 C	23.845	1436.9
64.00	64.55	29.630 E	-1.292 C	23.843	1436.8
65.00	65.60	29.628 E	-1.296 C	23.842	1436.8
66.00	66.55	29.625 E	-1.298 C	23.839	1436.8

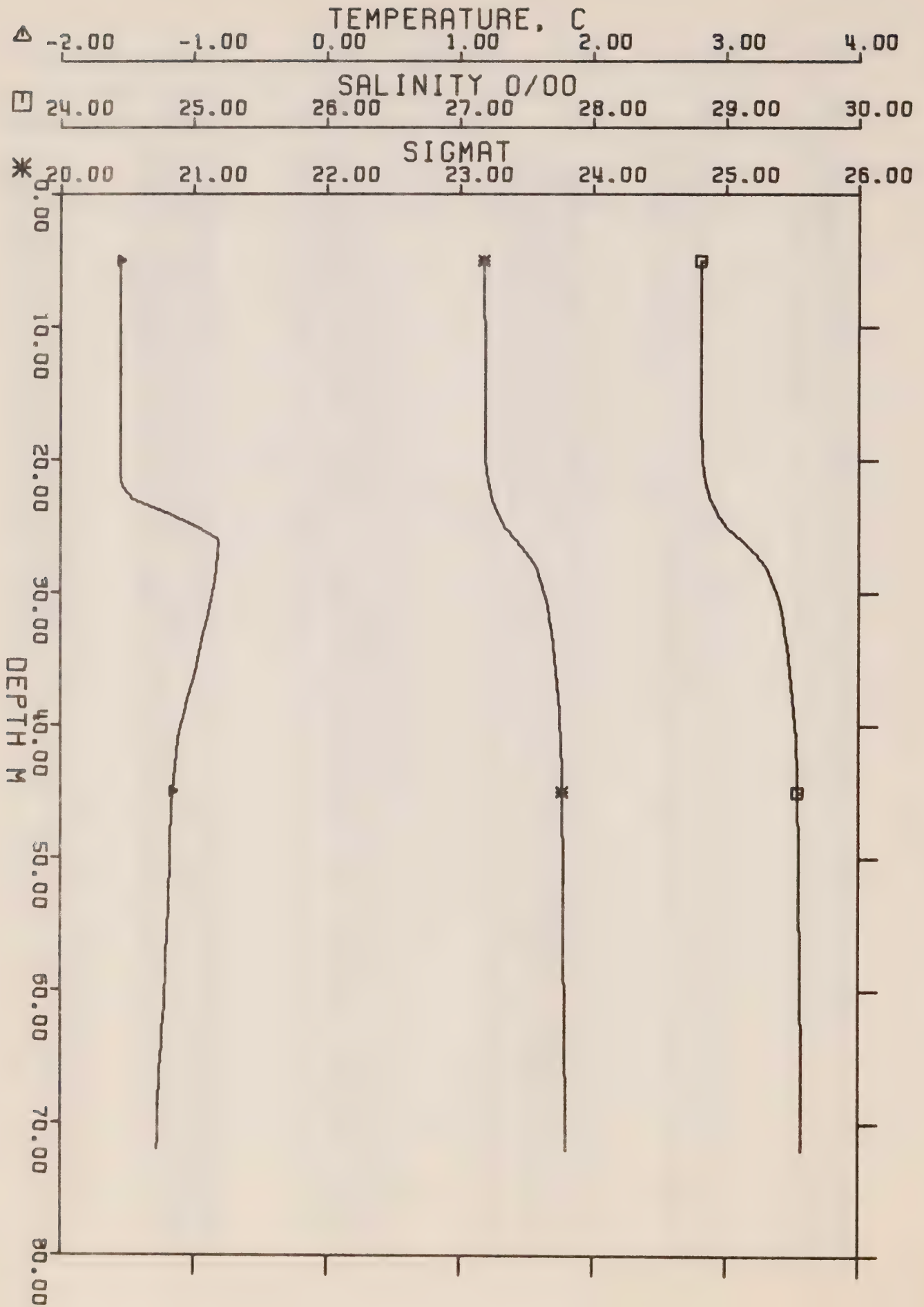
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.00	67.55	29.623 E	-1.302 C	23.838	1436.8
68.00	68.65	29.622 E	-1.305 C	23.837	1436.8
69.00	69.65	29.622 E	-1.308 C	23.837	1436.8
70.00	70.65	29.623 F	-1.311 C	23.838	1436.8
71.00	71.65	29.623 F	-1.313 C	23.838	1436.8
72.00	72.60	29.623 E	-1.316 C	23.838	1436.8
73.00	73.60	29.623 E	-1.319 C	23.838	1436.8
74.00	74.60	29.623 E	-1.322 C	23.838	1436.8
75.00	75.75	29.623 E	-1.324 C	23.838	1436.9
76.00	76.70	29.623 E	-1.325 C	23.838	1436.9
77.00	77.60	29.624 E	-1.326 C	23.839	1436.9

EXPERIMENT 531



CRUISE 02-71-016		CB2		CAMBRIDGE BAY		EXPER. NO. 531	
LAT. N69 06.5		LONG. W105 04.0		WATER DEPTH 82			
DEPTH INCR. 1.00		DATE 051271		LOCAL TIME 1008			
DEPTH	PRESS	SAL		TEMP	SIGMAT	SOUND	
4.00	3.99	27.818	E	-1.346	C	22.379	1433.1
5.00	4.97	27.813	E	-1.346	C	22.375	1433.1
6.00	6.06	27.810	E	-1.345	C	22.372	1433.1
7.00	7.06	27.807	E	-1.345	C	22.370	1433.1
8.00	8.00	27.801	E	-1.299	F	22.365	1433.3
9.00	9.01	27.791	E	-1.183	E	22.355	1433.9
10.00	10.08	27.787	E	-1.055	E	22.350	1434.5
11.00	11.06	27.796	E	-0.996	E	22.357	1434.8
12.00	12.13	27.815	E	-1.027	F	22.372	1434.7
13.00	13.07	27.832	E	-1.054	F	22.387	1434.6
14.00	14.13	27.838	E	-1.059	E	22.392	1434.6
15.00	15.10	27.842	E	-1.035	E	22.394	1434.8
16.00	16.18	27.847	E	-1.027	E	22.398	1434.8
17.00	17.17	27.868	E	-0.980	F	22.415	1435.1
18.00	18.11	27.882	E	-0.910	E	22.425	1435.5
19.00	19.13	27.931	F	-0.580	F	22.458	1437.1
20.00	20.11	28.016	G	-0.118	F	22.515	1439.4
21.00	21.13	28.205	G	0.371	D	22.651	1441.9
22.00	22.16	28.456	F	0.533	F	22.847	1443.0
23.00	23.17	28.745	F	0.364	F	23.085	1442.7
24.00	24.13	29.012	E	0.036	D	23.311	1441.5
25.00	25.17	29.219	E	-0.315	D	23.489	1440.2
26.00	26.17	29.361	E	-0.541	D	23.610	1439.4
27.00	27.23	29.436	E	-0.712	D	23.675	1438.7
28.00	28.24	29.482	E	-0.800	D	23.714	1438.4
29.00	29.28	29.506	E	-0.872	D	23.735	1438.1
30.00	30.22	29.526	E	-0.914	D	23.752	1437.9
31.00	31.22	29.539	E	-0.956	D	23.763	1437.8
32.00	32.31	29.551	E	-0.987	D	23.774	1437.6
33.00	33.32	29.560	E	-1.006	C	23.781	1437.6
34.00	34.24	29.567	E	-1.026	C	23.787	1437.5
35.00	35.33	29.576	E	-1.053	C	23.795	1437.4
36.00	36.33	29.586	E	-1.081	C	23.804	1437.3
37.00	37.30	29.595	E	-1.109	C	23.812	1437.2
38.00	38.39	29.602	E	-1.130	C	23.818	1437.1
39.00	39.37	29.606	E	-1.147	C	23.821	1437.1
40.00	40.32	29.609	E	-1.160	C	23.824	1437.0
41.00	41.33	29.611	E	-1.172	C	23.826	1437.0
42.00	42.32	29.612	E	-1.183	C	23.827	1437.0
43.00	43.38	29.614	E	-1.192	C	23.829	1436.9
44.00	44.42	29.615	E	-1.200	C	23.830	1436.9
45.00	45.36	29.616	E	-1.205	C	23.831	1436.9
46.00	46.40	29.616	E	-1.209	C	23.831	1436.9
47.00	47.38	29.617	E	-1.211	C	23.831	1436.9
48.00	48.44	29.617	E	-1.213	C	23.831	1436.9
49.00	49.42	29.616	E	-1.215	C	23.831	1436.9
50.00	50.41	29.615	E	-1.216	C	23.830	1436.9
51.00	51.43	29.615	E	-1.218	C	23.830	1437.0
52.00	52.50	29.616	E	-1.220	C	23.831	1437.0
53.00	53.53	29.617	E	-1.225	C	23.832	1437.0
54.00	54.43	29.618	E	-1.230	C	23.833	1436.9
55.00	55.48	29.618	E	-1.234	C	23.833	1436.9
56.00	56.51	29.619	E	-1.238	C	23.834	1436.9
57.00	57.50	29.620	E	-1.242	C	23.834	1436.9
58.00	58.52	29.622	E	-1.249	C	23.836	1436.9
59.00	59.57	29.625	E	-1.256	C	23.839	1436.9
60.00	60.53	29.627	E	-1.263	C	23.840	1436.9
61.00	61.58	29.630	E	-1.269	C	23.843	1436.9
62.00	62.60	29.630	F	-1.275	C	23.843	1436.9
63.00	63.66	29.631	E	-1.281	C	23.844	1436.9
64.00	64.67	29.629	E	-1.287	C	23.842	1436.9
65.00	65.58	29.627	E	-1.292	C	23.841	1436.8
66.00	66.65	29.625	E	-1.296	C	23.839	1436.8
67.00	67.65	29.623	E	-1.299	C	23.838	1436.8
68.00	68.65	29.622	E	-1.300	C	23.837	1436.9
69.00	69.60	29.622	E	-1.303	C	23.837	1436.9

EXPERIMENT 552

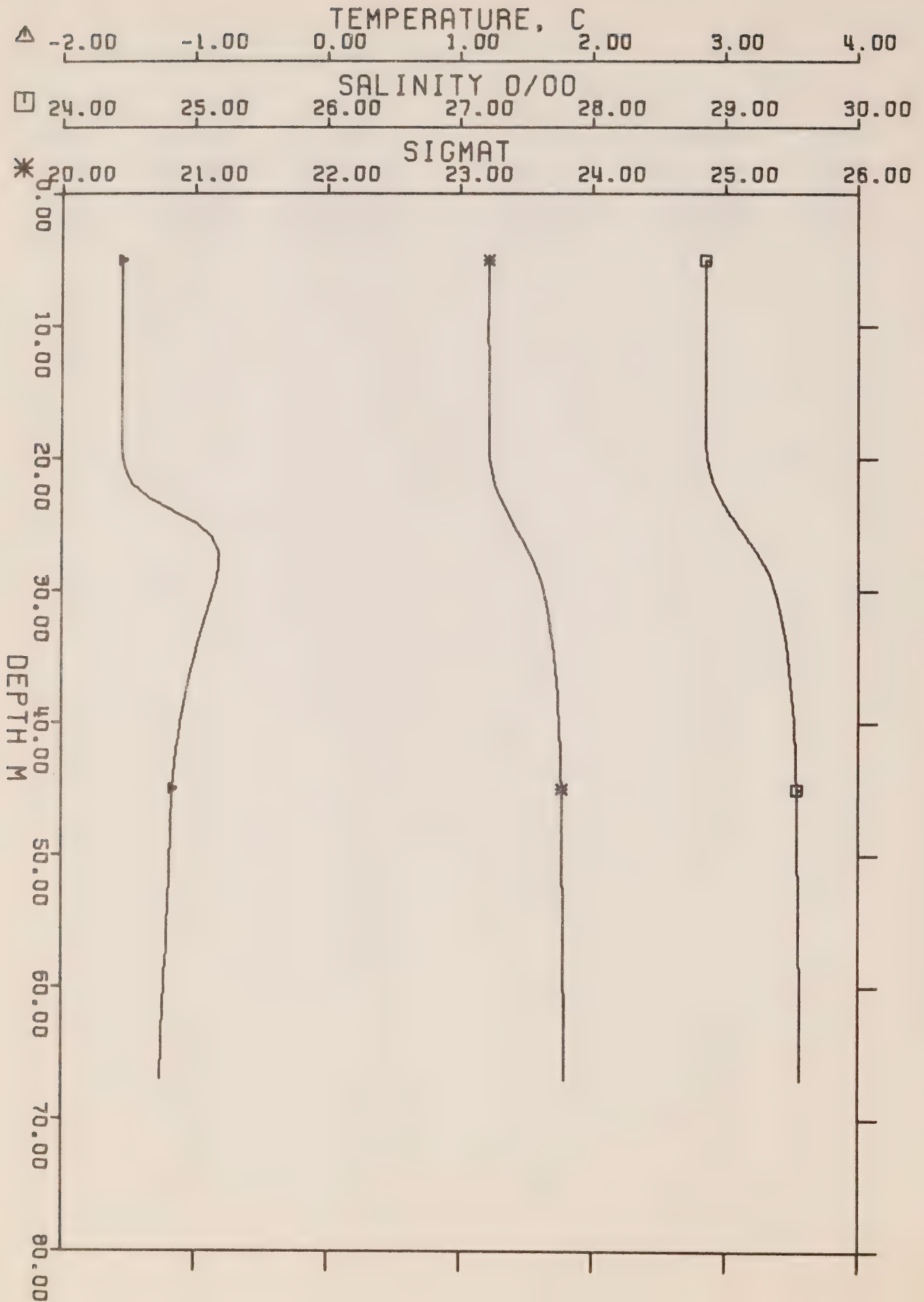


CRUISE 02-72-014 CB3 CAMBRIDGE BAY EXPFR. NO. 552
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 150272 LOCAL TIME ----

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	4.90	28.811 E	-1.551 C	23.184	1433.5
6.00	5.90	28.811 E	-1.551 C	23.184	1433.5
7.00	6.95	28.811 E	-1.551 C	23.184	1433.5
8.00	7.90	28.811 E	-1.551 C	23.184	1433.5
9.00	8.95	28.811 E	-1.551 C	23.184	1433.6
10.00	10.00	28.812 E	-1.551 C	23.185	1433.6
11.00	11.00	28.812 E	-1.552 C	23.185	1433.6
12.00	12.00	28.813 E	-1.552 C	23.186	1433.6
13.00	12.95	28.813 E	-1.553 C	23.186	1433.6
14.00	14.05	28.814 E	-1.553 C	23.187	1433.6
15.00	15.00	28.814 E	-1.553 C	23.187	1433.6
16.00	16.05	28.814 E	-1.553 C	23.187	1433.7
17.00	17.05	28.815 E	-1.554 C	23.188	1433.7
18.00	18.05	28.815 E	-1.555 C	23.188	1433.7
19.00	19.00	28.816 E	-1.555 C	23.188	1433.7
20.00	20.10	28.819 E	-1.554 C	23.191	1433.7
21.00	21.05	28.828 E	-1.550 C	23.198	1433.8
22.00	22.10	28.853 F	-1.526 F	23.218	1433.9
23.00	23.15	28.876 F	-1.453 F	23.236	1434.3
24.00	24.10	28.930 F	-1.198 F	23.276	1435.6
25.00	25.05	28.999 G	-0.975 F	23.328	1436.8
26.00	26.10	29.119 F	-0.807 F	23.421	1437.8
27.00	27.10	29.220 E	-0.823 C	23.503	1437.9
28.00	28.15	29.303 E	-0.832 C	23.570	1438.0
29.00	29.20	29.345 E	-0.842 C	23.604	1438.0
30.00	30.15	29.379 E	-0.859 C	23.632	1438.0
31.00	31.15	29.407 E	-0.879 C	23.655	1437.9
32.00	32.20	29.428 E	-0.904 C	23.673	1437.9
33.00	33.25	29.445 E	-0.926 C	23.687	1437.8
34.00	34.30	29.458 E	-0.949 C	23.698	1437.7
35.00	35.20	29.470 E	-0.969 C	23.708	1437.7
36.00	36.25	29.483 E	-0.994 C	23.719	1437.6
37.00	37.20	29.495 E	-1.020 C	23.729	1437.5
38.00	38.20	29.505 E	-1.047 C	23.738	1437.4
39.00	39.30	29.514 E	-1.074 C	23.746	1437.3
40.00	40.30	29.522 E	-1.097 C	23.753	1437.2
41.00	41.35	29.528 E	-1.116 C	23.758	1437.1
42.00	42.30	29.533 E	-1.130 C	23.762	1437.1
43.00	43.35	29.537 E	-1.143 C	23.766	1437.1
44.00	44.35	29.540 E	-1.153 C	23.768	1437.0
45.00	45.25	29.542 E	-1.161 C	23.770	1437.0
46.00	46.35	29.544 E	-1.167 C	23.772	1437.0
47.00	47.35	29.545 E	-1.172 C	23.773	1437.0
48.00	48.35	29.547 E	-1.176 C	23.774	1437.0
49.00	49.35	29.548 E	-1.180 C	23.775	1437.0
50.00	50.35	29.549 E	-1.183 C	23.776	1437.0
51.00	51.40	29.550 E	-1.184 C	23.777	1437.0
52.00	52.35	29.551 E	-1.186 C	23.778	1437.0
53.00	53.40	29.552 E	-1.190 C	23.778	1437.0
54.00	54.35	29.553 E	-1.194 C	23.779	1437.0
55.00	55.45	29.555 E	-1.198 C	23.781	1437.0
56.00	56.40	29.556 E	-1.201 C	23.782	1437.0
57.00	57.50	29.557 E	-1.206 C	23.783	1437.0
58.00	58.50	29.558 E	-1.210 C	23.784	1437.0
59.00	59.50	29.559 E	-1.215 C	23.785	1437.0
60.00	60.50	29.560 E	-1.220 C	23.786	1437.0
61.00	61.45	29.562 E	-1.225 C	23.787	1437.0
62.00	62.50	29.564 E	-1.231 C	23.789	1437.0
63.00	63.50	29.566 E	-1.238 C	23.791	1437.0
64.00	64.50	29.567 E	-1.244 C	23.792	1437.0
65.00	65.50	29.569 E	-1.251 C	23.793	1437.0
66.00	66.55	29.570 E	-1.256 C	23.794	1437.0
67.00	67.55	29.571 E	-1.262 C	23.795	1436.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.60	29.572 E	-1.266 C	23.796	1436.9
69.00	69.55	29.573 E	-1.269 C	23.797	1436.9
70.00	70.55	29.573 E	-1.272 C	23.797	1437.0
71.00	71.60	29.574 E	-1.274 C	23.798	1437.0
72.00	72.55	29.574 E	-1.276 C	23.798	1437.0

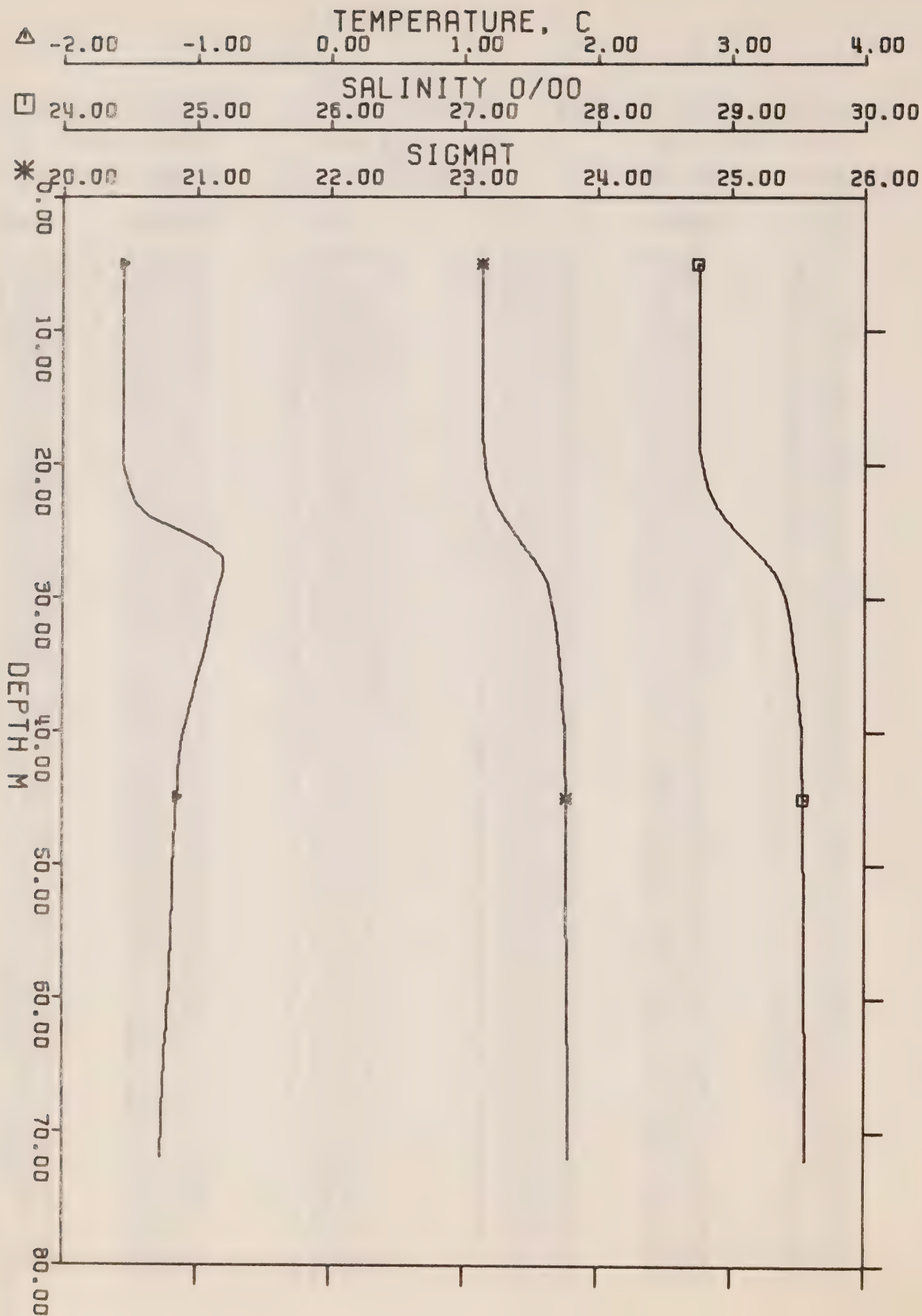
EXPERIMENT 553



CRUISE 02-72-014 CB3 CAMBRIDGE BAY EXPER. NO. 553
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 170272 LOCAL TIME 1700

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.00	28.854 E	-1.546 C	23.219	1433.6
6.00	5.90	28.852 E	-1.547 C	23.217	1433.6
7.00	7.00	28.851 E	-1.546 C	23.217	1433.6
8.00	7.95	28.850 E	-1.547 C	23.216	1433.6
9.00	8.95	28.850 E	-1.546 C	23.216	1433.6
10.00	10.00	28.849 E	-1.546 C	23.215	1433.6
11.00	10.95	28.849 E	-1.546 C	23.215	1433.7
12.00	12.05	28.849 E	-1.548 C	23.215	1433.7
13.00	13.00	28.849 E	-1.549 C	23.215	1433.7
14.00	14.05	28.849 E	-1.551 C	23.215	1433.7
15.00	15.05	28.849 E	-1.551 C	23.215	1433.7
16.00	16.00	28.849 E	-1.551 C	23.215	1433.7
17.00	17.10	28.849 E	-1.551 C	23.215	1433.7
18.00	18.15	28.851 E	-1.551 C	23.217	1433.8
19.00	19.15	28.854 E	-1.549 C	23.219	1433.8
20.00	20.05	28.861 E	-1.540 C	23.225	1433.9
21.00	21.05	28.878 F	-1.512 E	23.238	1434.0
22.00	22.10	28.911 F	-1.456 E	23.264	1434.4
23.00	23.15	28.961 F	-1.337 E	23.303	1435.0
24.00	24.10	29.023 F	-1.162 E	23.350	1435.9
25.00	25.15	29.092 F	-0.972 E	23.403	1437.0
26.00	26.10	29.165 F	-0.858 E	23.459	1437.6
27.00	27.15	29.233 F	-0.813 D	23.513	1437.9
28.00	28.10	29.290 E	-0.822 D	23.559	1438.0
29.00	29.20	29.336 E	-0.834 D	23.597	1438.0
30.00	30.20	29.372 E	-0.861 C	23.626	1438.0
31.00	31.20	29.400 E	-0.888 C	23.650	1437.9
32.00	32.20	29.423 E	-0.916 C	23.669	1437.8
33.00	33.20	29.442 E	-0.945 C	23.685	1437.7
34.00	34.15	29.459 E	-0.976 C	23.699	1437.6
35.00	35.25	29.473 E	-1.004 C	23.711	1437.5
36.00	36.30	29.485 E	-1.027 C	23.721	1437.4
37.00	37.25	29.495 E	-1.050 C	23.730	1437.3
38.00	38.20	29.504 E	-1.071 C	23.737	1437.3
39.00	39.30	29.510 E	-1.093 C	23.743	1437.2
40.00	40.25	29.517 E	-1.108 C	23.749	1437.2
41.00	41.25	29.522 E	-1.124 C	23.753	1437.1
42.00	42.35	29.527 E	-1.138 C	23.757	1437.1
43.00	43.35	29.531 E	-1.151 C	23.761	1437.0
44.00	44.30	29.534 E	-1.160 C	23.763	1437.0
45.00	45.30	29.536 E	-1.167 C	23.765	1437.0
46.00	46.30	29.538 E	-1.172 C	23.767	1437.0
47.00	47.35	29.540 E	-1.177 C	23.769	1437.0
48.00	48.40	29.542 E	-1.181 C	23.770	1437.0
49.00	49.30	29.543 E	-1.184 C	23.771	1437.0
50.00	50.35	29.544 E	-1.187 C	23.772	1437.0
51.00	51.35	29.545 E	-1.191 C	23.773	1437.0
52.00	52.45	29.547 E	-1.195 C	23.775	1437.0
53.00	53.40	29.548 E	-1.198 C	23.775	1437.0
54.00	54.35	29.549 E	-1.202 C	23.776	1437.0
55.00	55.45	29.551 E	-1.207 C	23.778	1437.0
56.00	56.50	29.552 E	-1.211 C	23.779	1437.0
57.00	57.45	29.553 E	-1.214 C	23.780	1437.0
58.00	58.50	29.555 E	-1.220 C	23.781	1437.0
59.00	59.45	29.557 E	-1.226 C	23.783	1437.0
60.00	60.40	29.558 E	-1.234 C	23.784	1436.9
61.00	61.50	29.560 E	-1.240 C	23.786	1436.9
62.00	62.50	29.561 E	-1.245 C	23.787	1436.9
63.00	63.50	29.561 E	-1.248 C	23.787	1436.9
64.00	64.50	29.562 E	-1.251 C	23.788	1436.9
65.00	65.50	29.563 E	-1.253 C	23.788	1436.9
66.00	66.50	29.564 E	-1.258 C	23.789	1436.9

EXPERIMENT 555

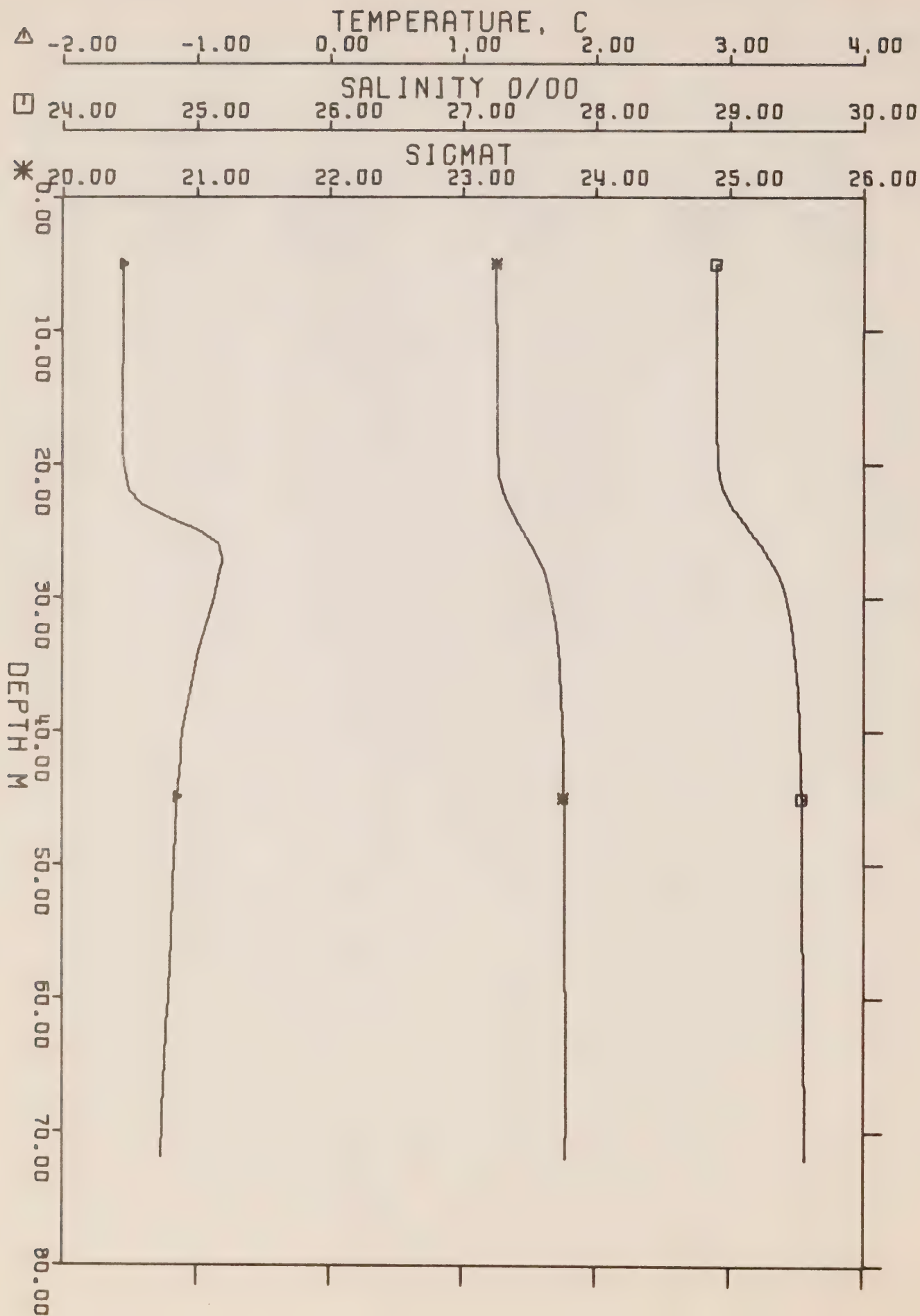


CRUISE 02-72-014 CB3 CAMBRIDGE BAY EXPER. NO. 555
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 180272 LOCAL TIME 1400

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.00	28.754 E	-1.549 C	23.138	1433.4
6.00	6.00	28.759 E	-1.549 C	23.142	1433.4
7.00	7.00	28.757 E	-1.548 C	23.141	1433.5
8.00	8.05	28.757 E	-1.548 C	23.141	1433.5
9.00	9.05	28.757 E	-1.549 C	23.141	1433.5
10.00	10.05	28.757 E	-1.549 C	23.141	1433.5
11.00	11.00	28.757 E	-1.549 C	23.141	1433.5
12.00	12.10	28.757 E	-1.549 C	23.141	1433.5
13.00	13.05	28.758 E	-1.549 C	23.141	1433.5
14.00	14.10	28.758 E	-1.549 C	23.141	1433.5
15.00	15.05	28.758 E	-1.550 C	23.141	1433.6
16.00	16.10	28.758 E	-1.550 C	23.141	1433.6
17.00	17.10	28.759 E	-1.550 C	23.142	1433.6
18.00	18.15	28.760 E	-1.550 C	23.143	1433.6
19.00	19.15	28.765 E	-1.549 C	23.147	1433.7
20.00	20.10	28.775 E	-1.548 C	23.156	1433.7
21.00	21.15	28.796 E	-1.525 F	23.172	1433.9
22.00	22.10	28.827 E	-1.495 E	23.197	1434.1
23.00	23.15	28.879 E	-1.451 E	23.238	1434.4
24.00	24.15	28.951 E	-1.350 E	23.295	1435.0
25.00	25.15	29.044 F	-1.133 E	23.367	1436.1
26.00	26.20	29.142 F	-0.921 E	23.442	1437.3
27.00	27.25	29.240 F	-0.795 E	23.518	1438.0
28.00	28.15	29.316 F	-0.800 D	23.580	1438.1
29.00	29.15	29.372 F	-0.828 C	23.626	1438.1
30.00	30.20	29.406 F	-0.859 C	23.654	1438.0
31.00	31.25	29.431 F	-0.883 C	23.675	1437.9
32.00	32.25	29.449 F	-0.902 C	23.690	1437.9
33.00	33.25	29.462 F	-0.919 C	23.700	1437.9
34.00	34.30	29.474 F	-0.942 C	23.711	1437.8
35.00	35.35	29.486 F	-0.970 C	23.721	1437.7
36.00	36.30	29.496 F	-0.996 C	23.729	1437.6
37.00	37.30	29.504 F	-1.023 C	23.737	1437.5
38.00	38.30	29.512 F	-1.046 C	23.743	1437.4
39.00	39.35	29.519 F	-1.074 C	23.750	1437.3
40.00	40.35	29.525 F	-1.098 C	23.756	1437.2
41.00	41.30	29.531 F	-1.118 C	23.760	1437.1
42.00	42.35	29.534 F	-1.130 C	23.763	1437.1
43.00	43.40	29.535 F	-1.137 C	23.764	1437.1
44.00	44.35	29.537 F	-1.143 C	23.766	1437.1
45.00	45.40	29.538 F	-1.150 C	23.768	1437.1
46.00	46.35	29.540 F	-1.158 C	23.768	1437.0
47.00	47.35	29.542 F	-1.165 C	23.770	1437.0
48.00	48.35	29.543 F	-1.171 C	23.771	1437.0
49.00	49.45	29.544 F	-1.175 C	23.772	1437.0
50.00	50.35	29.545 F	-1.178 C	23.773	1437.0
51.00	51.45	29.546 F	-1.180 C	23.773	1437.0
52.00	52.45	29.546 F	-1.182 C	23.773	1437.0
53.00	53.45	29.546 F	-1.185 C	23.774	1437.0
54.00	54.45	29.547 F	-1.188 C	23.774	1437.0
55.00	55.45	29.547 F	-1.191 C	23.774	1437.1
56.00	56.45	29.548 F	-1.194 C	23.775	1437.1
57.00	57.55	29.549 F	-1.197 C	23.776	1437.1
58.00	58.60	29.550 F	-1.201 C	23.777	1437.1
59.00	59.50	29.551 F	-1.205 C	23.778	1437.1
60.00	60.60	29.552 F	-1.210 C	23.779	1437.1
61.00	61.55	29.554 F	-1.217 C	23.781	1437.0
62.00	62.50	29.555 F	-1.224 C	23.782	1437.0
63.00	63.55	29.557 F	-1.231 C	23.783	1437.0
64.00	64.55	29.559 F	-1.239 C	23.785	1437.0
65.00	65.60	29.561 F	-1.245 C	23.787	1437.0
66.00	66.55	29.562 F	-1.250 C	23.788	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.60	29.563 F	-1.256 C	23.789	1437.0
69.00	69.60	29.563 F	-1.259 C	23.789	1437.0
70.00	70.55	29.564 F	-1.262 C	23.789	1437.0
71.00	71.65	29.565 F	-1.266 C	23.790	1437.0
72.00	72.60	29.565 F	-1.268 C	23.790	1437.0

EXPERIMENT 581

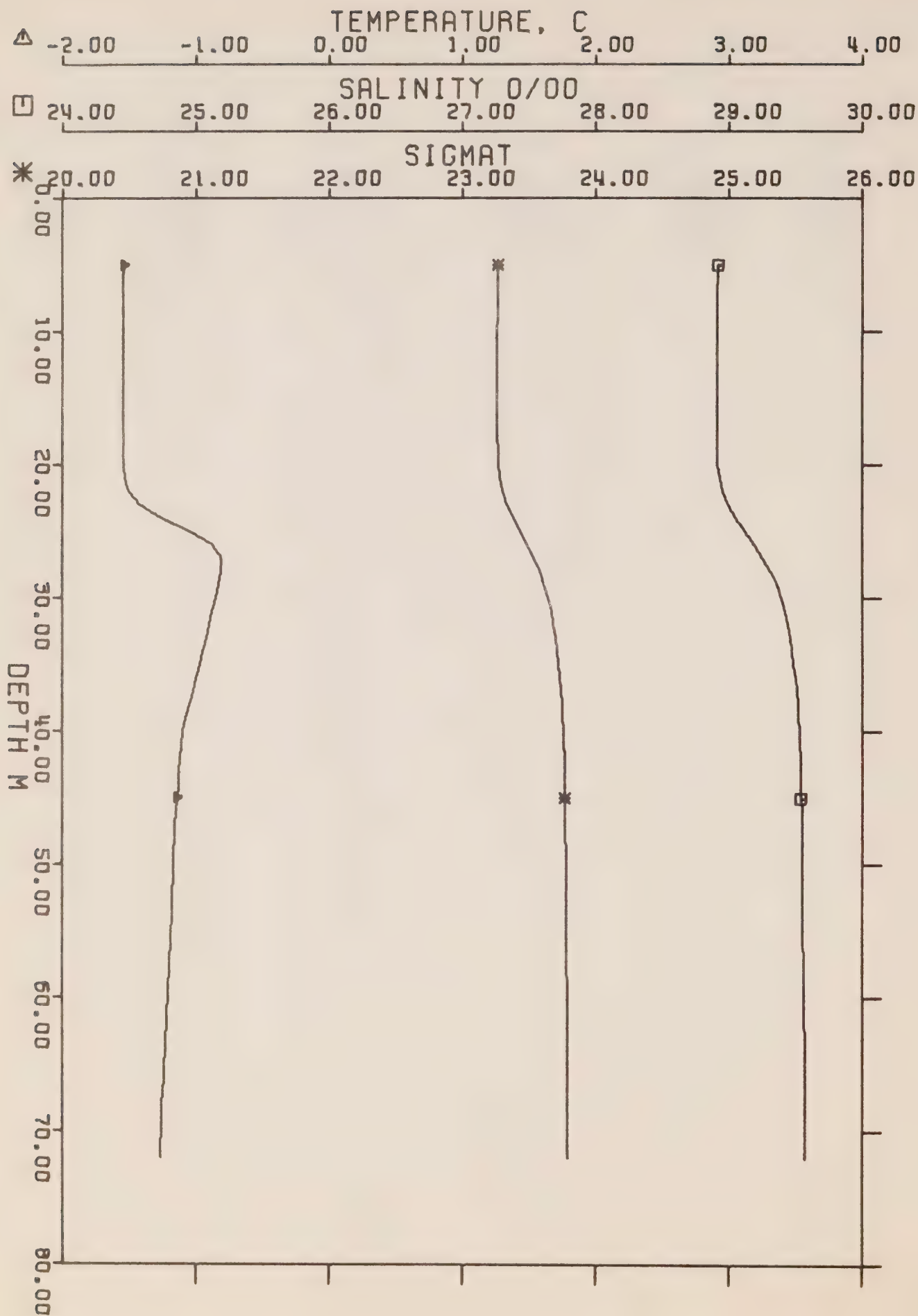


CRUISE 02-72-014 C83 CAMBRIDGE BAY EXPER. NO. 581
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 210272 LOCAL TIME 1152

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.30	28.900 E	-1.546 C	23.256	1433.6
6.00	6.35	28.898 E	-1.546 C	23.255	1433.7
7.00	7.30	28.897 E	-1.546 C	23.254	1433.7
8.00	8.30	28.898 E	-1.547 C	23.255	1433.7
9.00	9.30	28.898 E	-1.548 C	23.255	1433.7
10.00	10.45	28.900 E	-1.550 C	23.256	1433.7
11.00	11.65	28.901 E	-1.552 C	23.257	1433.7
12.00	12.65	28.901 E	-1.555 C	23.257	1433.7
13.00	13.50	28.902 E	-1.556 C	23.258	1433.7
14.00	14.50	28.912 E	-1.555 C	23.258	1433.8
15.00	15.65	28.903 E	-1.554 C	23.259	1433.8
16.00	16.75	28.904 E	-1.552 C	23.260	1433.8
17.00	17.65	28.905 E	-1.550 C	23.260	1433.8
18.00	18.50	28.905 E	-1.548 C	23.260	1433.9
19.00	19.45	28.906 E	-1.547 C	23.261	1433.9
20.00	20.40	28.911 E	-1.541 C	23.265	1433.9
21.00	21.35	28.923 E	-1.525 E	23.275	1434.0
22.00	22.40	28.952 E	-1.436 E	23.298	1434.2
23.00	23.40	29.005 G	-1.413 E	23.340	1434.7
24.00	24.40	29.076 G	-1.218 E	23.394	1435.8
25.00	25.50	29.155 F	-0.983 E	23.454	1437.0
26.00	26.45	29.228 F	-0.825 E	23.509	1437.9
27.00	27.60	29.235 F	-0.798 F	23.563	1438.1
28.00	28.60	29.348 E	-0.830 D	23.606	1438.0
29.00	29.65	29.389 E	-0.852 C	23.640	1438.0
30.00	30.65	29.418 E	-0.872 C	23.664	1438.0
31.00	31.80	29.440 E	-0.898 C	23.682	1437.9
32.00	32.75	29.457 E	-0.926 C	23.697	1437.8
33.00	33.65	29.471 E	-0.955 C	23.708	1437.7
34.00	34.60	29.482 E	-0.985 C	23.718	1437.6
35.00	35.80	29.492 E	-1.009 C	23.727	1437.5
36.00	36.60	29.499 E	-1.031 C	23.733	1437.4
37.00	37.60	29.506 E	-1.051 C	23.739	1437.4
38.00	38.65	29.512 E	-1.073 C	23.744	1437.3
39.00	39.55	29.517 E	-1.093 C	23.748	1437.2
40.00	40.60	29.521 E	-1.106 C	23.752	1437.2
41.00	41.60	29.525 E	-1.117 C	23.755	1437.1
42.00	42.55	29.528 E	-1.125 C	23.758	1437.1
43.00	43.60	29.531 E	-1.132 C	23.760	1437.1
44.00	44.70	29.533 E	-1.139 C	23.762	1437.1
45.00	45.75	29.536 E	-1.147 C	23.765	1437.1
46.00	46.85	29.538 E	-1.155 C	23.767	1437.1
47.00	47.70	29.539 E	-1.160 C	23.767	1437.1
48.00	48.90	29.540 E	-1.165 C	23.768	1437.1
49.00	49.90	29.540 E	-1.168 C	23.768	1437.1
50.00	50.90	29.540 E	-1.173 C	23.768	1437.1
51.00	51.90	29.541 E	-1.176 C	23.769	1437.1
52.00	52.85	29.541 E	-1.180 C	23.769	1437.1
53.00	53.85	29.542 E	-1.184 C	23.770	1437.1
54.00	54.80	29.543 E	-1.188 C	23.771	1437.0
55.00	55.75	29.544 E	-1.191 C	23.772	1437.1
56.00	56.75	29.545 E	-1.195 C	23.773	1437.1
57.00	57.85	29.546 E	-1.200 C	23.774	1437.0
58.00	58.80	29.546 E	-1.205 C	23.774	1437.0
59.00	59.85	29.547 E	-1.210 C	23.775	1437.0
60.00	60.85	29.548 E	-1.215 C	23.776	1437.0
61.00	61.75	29.549 E	-1.221 C	23.777	1437.0
62.00	62.70	29.550 E	-1.227 C	23.778	1437.0
63.00	63.95	29.551 E	-1.232 C	23.778	1437.0
64.00	64.90	29.551 E	-1.237 C	23.779	1437.0
65.00	66.00	29.553 E	-1.241 C	23.780	1437.0
66.00	66.90	29.554 E	-1.247 C	23.781	1437.0
67.00	68.15	29.556 E	-1.253 C	23.783	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	69.05	29.558 E	-1.258 C	23.785	1437.0
69.00	70.05	29.559 E	-1.262 C	23.785	1437.0
70.00	71.10	29.559 E	-1.265 C	23.785	1437.0
71.00	71.95	29.558 E	-1.268 C	23.785	1437.0
72.00	73.00	29.557 E	-1.270 C	23.784	1437.0

EXPERIMENT 582



CRUISE 02-72-014 CB3

CAMBRIDGE BAY

EXPER. NO. 582

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INCR. 1.00

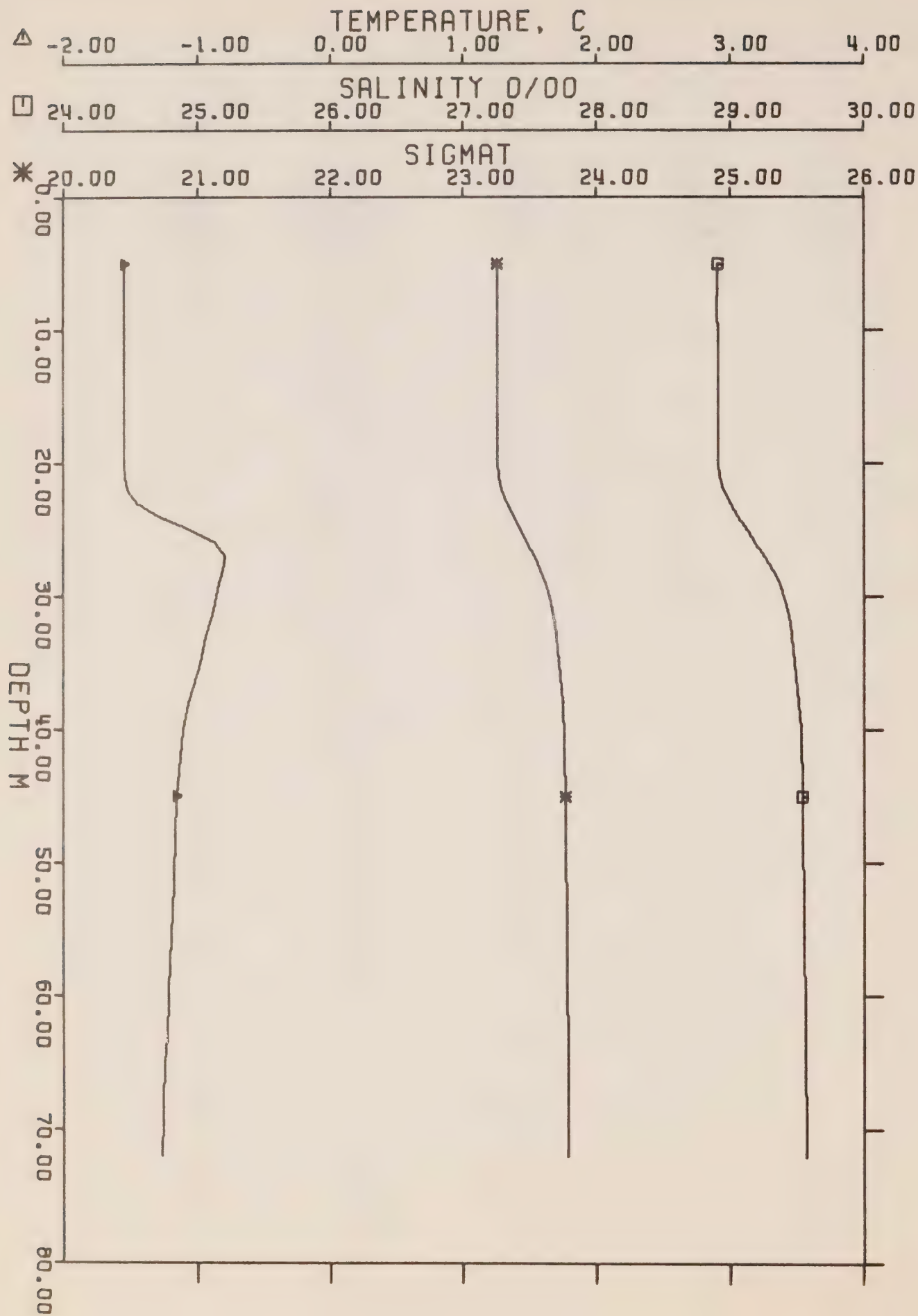
DATE 210272

LOCAL TIME 1207

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.30	28.918 E	-1.545 C	23.271	1433.7
6.00	6.35	28.916 E	-1.546 C	23.269	1433.7
7.00	7.30	28.914 E	-1.546 C	23.268	1433.7
8.00	8.25	28.912 E	-1.547 C	23.266	1433.7
9.00	9.30	28.911 E	-1.547 C	23.265	1433.7
10.00	10.30	28.910 E	-1.548 C	23.264	1433.7
11.00	11.25	28.909 E	-1.548 C	23.264	1433.7
12.00	12.35	28.908 E	-1.550 C	23.263	1433.7
13.00	13.30	28.908 E	-1.551 C	23.263	1433.8
14.00	14.35	28.908 E	-1.554 C	23.263	1433.8
15.00	15.35	28.909 E	-1.552 C	23.264	1433.8
16.00	16.35	28.910 E	-1.549 C	23.264	1433.8
17.00	17.30	28.910 E	-1.546 C	23.264	1433.9
18.00	18.35	28.910 E	-1.545 C	23.264	1433.9
19.00	19.35	28.912 E	-1.546 C	23.266	1433.9
20.00	20.45	28.915 E	-1.545 C	23.268	1433.9
21.00	21.35	28.926 E	-1.530 E	23.277	1434.0
22.00	22.45	28.949 E	-1.503 E	23.295	1434.2
23.00	23.40	28.994 E	-1.419 E	23.331	1434.5
24.00	24.40	29.052 E	-1.261 E	23.375	1435.5
25.00	25.35	29.122 E	-1.038 E	23.428	1436.7
26.00	26.50	29.188 E	-0.867 E	23.478	1437.6
27.00	27.50	29.254 E	-0.795 E	23.530	1438.1
28.00	28.40	29.310 E	-0.808 E	23.575	1438.1
29.00	29.40	29.358 E	-0.832 C	23.615	1438.1
30.00	30.40	29.393 E	-0.854 C	23.643	1438.0
31.00	31.40	29.421 E	-0.877 C	23.666	1438.0
32.00	32.45	29.443 E	-0.901 C	23.685	1437.9
33.00	33.40	29.459 E	-0.924 C	23.698	1437.8
34.00	34.40	29.472 E	-0.945 C	23.709	1437.8
35.00	35.40	29.484 E	-0.972 C	23.719	1437.7
36.00	36.40	29.497 E	-0.999 C	23.730	1437.6
37.00	37.40	29.507 E	-1.025 C	23.739	1437.5
38.00	38.45	29.517 E	-1.050 C	23.748	1437.4
39.00	39.40	29.524 E	-1.076 C	23.754	1437.3
40.00	40.50	29.531 E	-1.097 C	23.760	1437.2
41.00	41.50	29.535 E	-1.111 C	23.763	1437.2
42.00	42.45	29.537 E	-1.119 C	23.765	1437.2
43.00	43.50	29.540 E	-1.127 C	23.768	1437.1
44.00	44.50	29.542 E	-1.135 C	23.769	1437.1
45.00	45.55	29.544 E	-1.142 C	23.771	1437.1
46.00	46.55	29.546 E	-1.151 C	23.773	1437.1
47.00	47.55	29.547 E	-1.158 C	23.774	1437.1
48.00	48.60	29.548 E	-1.162 C	23.775	1437.1
49.00	49.55	29.549 E	-1.166 C	23.776	1437.1
50.00	50.55	29.550 E	-1.169 C	23.776	1437.1
51.00	51.55	29.551 E	-1.172 C	23.777	1437.1
52.00	52.65	29.552 E	-1.176 C	23.778	1437.1
53.00	53.60	29.553 E	-1.180 C	23.779	1437.1
54.00	54.55	29.553 E	-1.185 C	23.779	1437.1
55.00	55.55	29.554 E	-1.189 C	23.780	1437.1
56.00	56.60	29.555 E	-1.194 C	23.781	1437.1
57.00	57.70	29.557 E	-1.198 C	23.783	1437.1
58.00	58.55	29.559 E	-1.202 C	23.784	1437.1
59.00	59.55	29.561 E	-1.207 C	23.786	1437.1
60.00	60.60	29.562 E	-1.212 C	23.787	1437.1
61.00	61.60	29.564 E	-1.217 C	23.789	1437.1
62.00	62.65	29.565 E	-1.222 C	23.790	1437.0
63.00	63.60	29.566 E	-1.227 C	23.790	1437.0
64.00	64.70	29.567 E	-1.232 C	23.791	1437.0
65.00	65.65	29.568 E	-1.237 C	23.792	1437.0
66.00	66.70	29.569 E	-1.243 C	23.793	1437.0
67.00	67.70	29.569 E	-1.250 C	23.793	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.75	29.569 E	-1.256 C	23.793	1437.0
69.00	69.75	29.569 E	-1.260 C	23.793	1437.0
70.00	70.80	29.569 E	-1.263 C	23.794	1437.0
71.00	71.85	29.569 E	-1.266 C	23.794	1437.0
72.00	72.85	29.569 E	-1.267 C	23.794	1437.0

EXPERIMENT 583

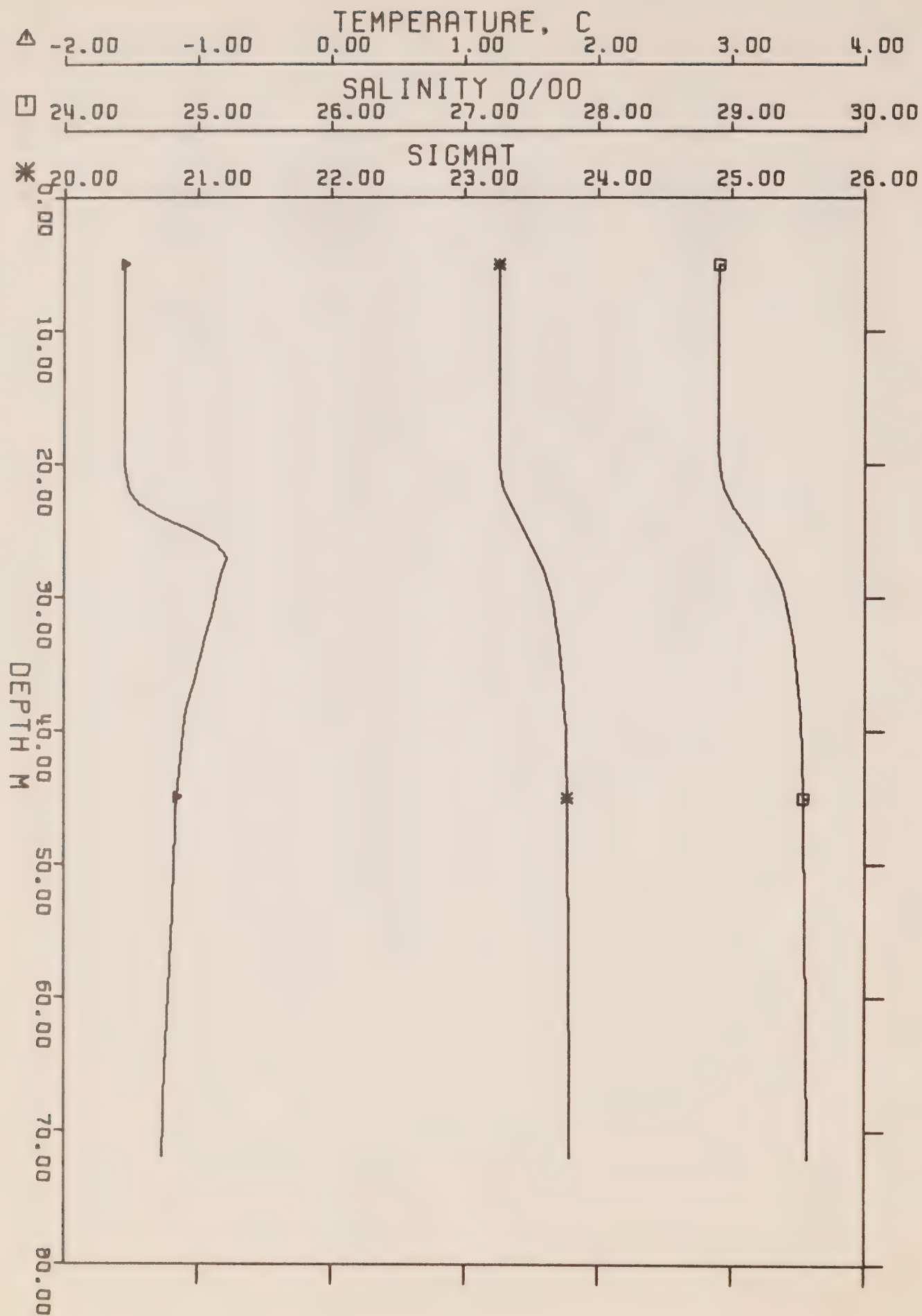


CRUISE 02-72-014 CBB CAMBRIDGE BAY EXPER. NO. 583
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 210272 LOCAL TIME 1218

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.30	28.910 E	-1.547 C	23.264	1433.7
6.00	6.20	28.907 E	-1.547 C	23.262	1433.7
7.00	7.25	28.906 E	-1.546 C	23.261	1433.7
8.00	8.30	28.905 E	-1.546 C	23.260	1433.7
9.00	9.25	28.905 E	-1.547 C	23.260	1433.7
10.00	10.35	28.906 E	-1.550 C	23.261	1433.7
11.00	11.30	28.906 E	-1.553 C	23.261	1433.7
12.00	12.25	28.906 E	-1.554 C	23.261	1433.7
13.00	13.30	28.906 E	-1.554 C	23.261	1433.7
14.00	14.25	28.906 E	-1.555 C	23.261	1433.8
15.00	15.30	28.906 E	-1.554 C	23.261	1433.8
16.00	16.40	28.906 E	-1.552 C	23.261	1433.8
17.00	17.40	28.906 E	-1.550 C	23.261	1433.8
18.00	18.30	28.906 E	-1.548 C	23.261	1433.9
19.00	19.35	28.907 E	-1.547 C	23.262	1433.9
20.00	20.35	28.909 E	-1.546 C	23.264	1433.9
21.00	21.45	28.919 F	-1.539 E	23.272	1434.0
22.00	22.40	28.946 F	-1.517 F	23.293	1434.1
23.00	23.40	28.996 F	-1.451 F	23.333	1434.5
24.00	24.45	29.061 F	-1.292 E	23.383	1435.4
25.00	25.35	29.130 F	-1.055 F	23.435	1436.6
26.00	26.45	29.195 F	-0.864 E	23.484	1437.6
27.00	27.55	29.261 F	-0.786 E	23.535	1438.1
28.00	28.45	29.318 F	-0.809 C	23.582	1438.1
29.00	29.40	29.367 F	-0.837 C	23.622	1438.0
30.00	30.45	29.401 E	-0.859 C	23.650	1438.0
31.00	31.45	29.427 E	-0.883 C	23.671	1437.9
32.00	32.40	29.446 F	-0.909 C	23.687	1437.9
33.00	33.50	29.462 E	-0.935 C	23.701	1437.8
34.00	34.50	29.475 E	-0.959 C	23.712	1437.7
35.00	35.50	29.485 E	-0.984 C	23.720	1437.6
36.00	36.55	29.495 E	-1.009 C	23.729	1437.5
37.00	37.60	29.504 E	-1.038 C	23.737	1437.4
38.00	38.55	29.514 E	-1.068 C	23.745	1437.3
39.00	39.55	29.522 E	-1.094 C	23.752	1437.2
40.00	40.50	29.528 E	-1.110 C	23.758	1437.2
41.00	41.60	29.531 F	-1.120 C	23.760	1437.1
42.00	42.60	29.534 E	-1.129 C	23.763	1437.1
43.00	43.65	29.536 E	-1.138 C	23.765	1437.1
44.00	44.65	29.538 F	-1.147 C	23.766	1437.1
45.00	45.60	29.540 E	-1.157 C	23.768	1437.0
46.00	46.65	29.542 E	-1.163 C	23.770	1437.0
47.00	47.60	29.543 E	-1.167 C	23.771	1437.0
48.00	48.70	29.544 E	-1.169 C	23.772	1437.0
49.00	49.75	29.544 E	-1.173 C	23.772	1437.0
50.00	50.60	29.545 E	-1.177 C	23.773	1437.0
51.00	51.65	29.547 E	-1.182 C	23.774	1437.0
52.00	52.75	29.548 E	-1.185 C	23.775	1437.0
53.00	53.75	29.548 E	-1.188 C	23.775	1437.0
54.00	54.65	29.549 E	-1.192 C	23.776	1437.0
55.00	55.80	29.551 E	-1.197 C	23.778	1437.0
56.00	56.70	29.552 E	-1.202 C	23.779	1437.0
57.00	57.75	29.554 E	-1.208 C	23.780	1437.0
58.00	58.70	29.555 E	-1.212 C	23.781	1437.0
59.00	59.70	29.556 E	-1.216 C	23.782	1437.0
60.00	60.70	29.558 E	-1.220 C	23.784	1437.0
61.00	61.70	29.559 E	-1.225 C	23.785	1437.0
62.00	62.75	29.560 E	-1.229 C	23.786	1437.0
63.00	63.80	29.561 E	-1.234 C	23.787	1437.0
64.00	64.85	29.563 E	-1.240 C	23.788	1437.0
65.00	65.80	29.564 E	-1.246 C	23.789	1437.0
66.00	66.80	29.565 E	-1.252 C	23.790	1437.0
67.00	67.85	29.565 E	-1.256 C	23.790	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.75	29.566 E	-1.259 C	23.791	1437.0
69.00	69.80	29.566 E	-1.262 C	23.791	1437.0
70.00	70.85	29.566 E	-1.265 C	23.791	1437.0
71.00	71.85	29.567 E	-1.267 C	23.792	1437.0
72.00	72.80	29.567 E	-1.269 C	23.792	1437.0

EXPERIMENT 584



CRUISE 02-72-014 CB3 CAMBRIDGE BAY EXPER. NO. 584
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 210272 LOCAL TIME 1228

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.25	28.909 F	-1.547 C	23.264	1433.6
6.00	6.30	28.906 F	-1.547 C	23.261	1433.7
7.00	7.20	28.905 F	-1.548 C	23.260	1433.7
8.00	8.25	28.904 F	-1.549 C	23.260	1433.7
9.00	9.30	28.904 F	-1.549 C	23.260	1433.7
10.00	10.25	28.903 F	-1.550 C	23.259	1433.7
11.00	11.30	28.903 F	-1.552 C	23.259	1433.7
12.00	12.25	28.904 F	-1.554 C	23.260	1433.7
13.00	13.25	28.904 F	-1.555 C	23.260	1433.7
14.00	14.25	28.903 F	-1.555 C	23.259	1433.7
15.00	15.35	28.903 F	-1.555 C	23.259	1433.8
16.00	16.30	28.903 F	-1.554 C	23.259	1433.8
17.00	17.35	28.903 F	-1.552 C	23.259	1433.8
18.00	18.30	28.903 F	-1.551 C	23.259	1433.8
19.00	19.30	28.905 F	-1.550 C	23.260	1433.9
20.00	20.35	28.908 F	-1.547 C	23.263	1433.9
21.00	21.45	28.920 F	-1.535 F	23.272	1434.0
22.00	22.40	28.948 F	-1.511 F	23.295	1434.2
23.00	23.35	29.001 F	-1.443 E	23.337	1434.6
24.00	24.40	29.063 F	-1.285 E	23.389	1435.4
25.00	25.40	29.139 F	-1.040 F	23.442	1436.7
26.00	26.45	29.202 F	-0.856 F	23.489	1437.7
27.00	27.40	29.266 F	-0.781 E	23.539	1438.1
28.00	28.40	29.322 F	-0.818 E	23.585	1438.1
29.00	29.50	29.370 F	-0.847 C	23.625	1438.0
30.00	30.40	29.402 F	-0.870 C	23.651	1438.0
31.00	31.50	29.425 F	-0.894 C	23.670	1437.9
32.00	32.45	29.442 F	-0.920 C	23.684	1437.8
33.00	33.50	29.458 F	-0.947 C	23.698	1437.7
34.00	34.45	29.471 F	-0.974 C	23.709	1437.6
35.00	35.50	29.482 F	-0.998 C	23.718	1437.5
36.00	36.50	29.492 F	-1.025 C	23.727	1437.5
37.00	37.50	29.503 F	-1.050 C	23.736	1437.4
38.00	38.55	29.512 F	-1.077 C	23.744	1437.3
39.00	39.55	29.520 F	-1.098 C	23.751	1437.2
40.00	40.45	29.525 F	-1.113 C	23.755	1437.1
41.00	41.60	29.529 F	-1.122 C	23.759	1437.1
42.00	42.50	29.532 F	-1.132 C	23.761	1437.1
43.00	43.55	29.535 F	-1.144 C	23.764	1437.1
44.00	44.60	29.538 F	-1.155 C	23.767	1437.0
45.00	45.60	29.540 F	-1.163 C	23.768	1437.0
46.00	46.65	29.541 F	-1.167 C	23.769	1437.0
47.00	47.55	29.542 F	-1.169 C	23.770	1437.0
48.00	48.65	29.543 F	-1.172 C	23.771	1437.0
49.00	49.65	29.544 F	-1.177 C	23.772	1437.0
50.00	50.65	29.545 F	-1.180 C	23.773	1437.0
51.00	51.70	29.546 F	-1.183 C	23.774	1437.0
52.00	52.75	29.547 F	-1.186 C	23.774	1437.0
53.00	53.65	29.548 F	-1.189 C	23.775	1437.0
54.00	54.70	29.549 F	-1.192 C	23.776	1437.0
55.00	55.70	29.550 F	-1.197 C	23.777	1437.0
56.00	56.65	29.552 F	-1.203 C	23.779	1437.0
57.00	57.70	29.554 F	-1.209 C	23.780	1437.0
58.00	58.65	29.555 F	-1.214 C	23.781	1437.0
59.00	59.65	29.556 F	-1.218 C	23.782	1437.0
60.00	60.75	29.557 F	-1.222 C	23.783	1437.0
61.00	61.75	29.558 F	-1.227 C	23.784	1437.0
62.00	62.85	29.559 F	-1.232 C	23.785	1437.0
63.00	63.80	29.560 F	-1.238 C	23.786	1437.0
64.00	64.75	29.562 F	-1.243 C	23.788	1437.0
65.00	65.75	29.563 F	-1.249 C	23.788	1437.0
66.00	66.75	29.564 F	-1.254 C	23.789	1437.0
67.00	67.85	29.565 F	-1.258 C	23.790	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	63.80	29.566 E	-1.261 C	23.791	1437.0
69.00	69.85	29.566 E	-1.263 C	23.791	1437.0
70.00	70.85	29.567 E	-1.265 C	23.792	1437.0
71.00	71.85	29.567 E	-1.267 C	23.792	1437.0
72.00	72.85	29.567 E	-1.269 C	23.792	1437.0

TEMPERATURE, C

△ -2.00 -1.00 0.00 1.00 2.00 3.00 4.00

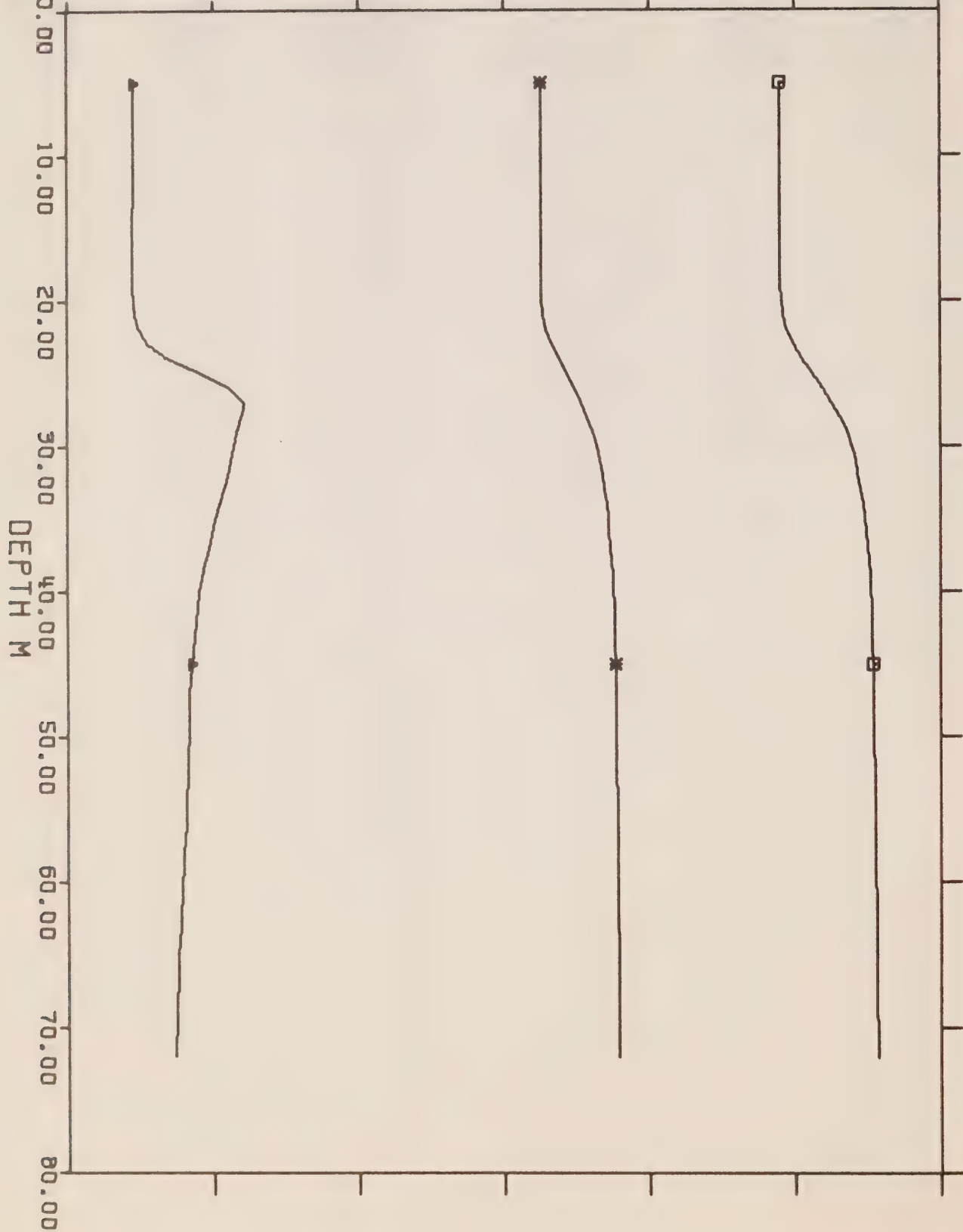
SALINITY ‰

□ 24.00 25.00 26.00 27.00 28.00 29.00 30.00

SIGMAT

* 20.00 21.00 22.00 23.00 24.00 25.00 26.00

DEPTH M



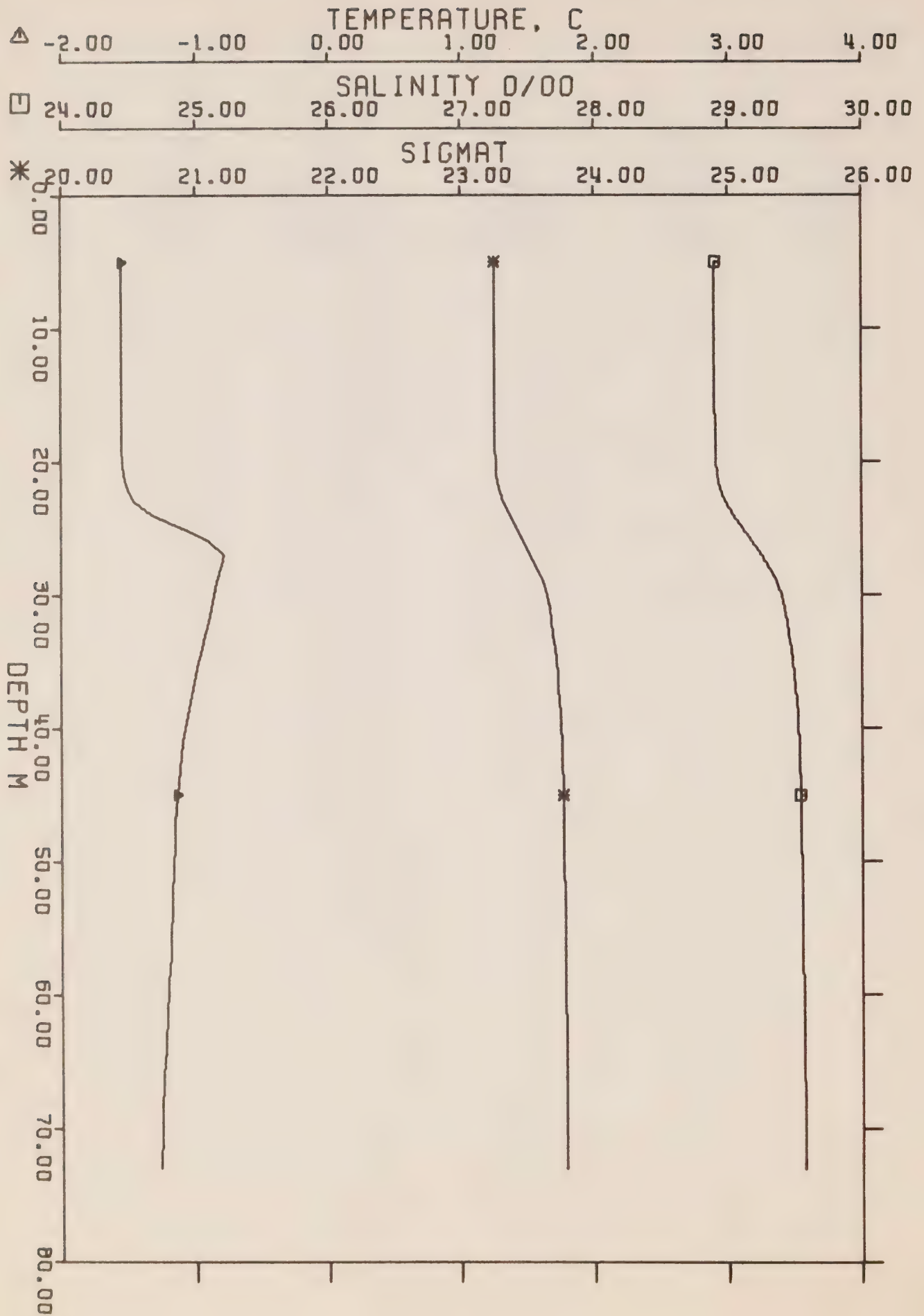
EXPERIMENT 585

CRUISE 02-72-014 CB3 CAMBRIDGE BAY EXPER. NO. 585
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 210272 LOCAL TIME 1240

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.25	28.905 E	-1.548 C	23.260	1433.6
6.00	6.20	28.903 E	-1.548 C	23.259	1433.7
7.00	7.25	28.902 E	-1.548 C	23.258	1433.7
8.00	8.25	28.902 E	-1.549 C	23.258	1433.7
9.00	9.30	28.901 E	-1.549 C	23.257	1433.7
10.00	10.25	28.901 E	-1.550 C	23.257	1433.7
11.00	11.20	28.901 E	-1.551 C	23.257	1433.7
12.00	12.30	28.901 E	-1.553 C	23.257	1433.7
13.00	13.30	28.901 E	-1.555 C	23.257	1433.7
14.00	14.25	28.901 E	-1.556 C	23.257	1433.7
15.00	15.35	28.901 E	-1.556 C	23.257	1433.8
16.00	16.40	28.901 E	-1.555 C	23.257	1433.8
17.00	17.30	28.902 E	-1.554 C	23.258	1433.8
18.00	18.30	28.903 E	-1.552 C	23.259	1433.8
19.00	19.40	28.905 E	-1.551 C	23.260	1433.9
20.00	20.40	28.909 E	-1.545 C	23.264	1433.9
21.00	21.40	28.918 E	-1.532 E	23.271	1434.0
22.00	22.40	28.944 E	-1.505 E	23.291	1434.2
23.00	23.35	28.992 E	-1.444 E	23.330	1434.6
24.00	24.40	29.055 E	-1.305 E	23.379	1435.3
25.00	25.40	29.124 E	-1.069 E	23.430	1436.5
26.00	26.40	29.186 E	-0.877 E	23.477	1437.6
27.00	27.40	29.250 E	-0.784 E	23.526	1438.1
28.00	28.50	29.307 E	-0.812 E	23.573	1438.1
29.00	29.45	29.357 E	-0.841 C	23.614	1438.0
30.00	30.45	29.391 E	-0.862 C	23.642	1438.0
31.00	31.45	29.416 E	-0.882 C	23.662	1437.9
32.00	32.50	29.435 E	-0.904 C	23.678	1437.9
33.00	33.50	29.452 E	-0.931 C	23.693	1437.8
34.00	34.50	29.467 E	-0.958 C	23.705	1437.7
35.00	35.55	29.480 E	-0.986 C	23.716	1437.6
36.00	36.50	29.490 E	-1.010 C	23.725	1437.5
37.00	37.50	29.499 E	-1.032 C	23.733	1437.4
38.00	38.50	29.508 E	-1.056 C	23.740	1437.4
39.00	39.50	29.517 E	-1.081 C	23.748	1437.3
40.00	40.55	29.523 E	-1.102 C	23.753	1437.2
41.00	41.50	29.528 E	-1.115 C	23.758	1437.2
42.00	42.55	29.531 E	-1.123 C	23.759	1437.1
43.00	43.60	29.533 E	-1.133 C	23.762	1437.1
44.00	44.65	29.535 E	-1.143 C	23.764	1437.1
45.00	45.60	29.538 E	-1.154 C	23.767	1437.1
46.00	46.60	29.540 E	-1.161 C	23.768	1437.0
47.00	47.65	29.541 E	-1.166 C	23.769	1437.0
48.00	48.70	29.542 E	-1.168 C	23.770	1437.0
49.00	49.60	29.543 E	-1.170 C	23.771	1437.0
50.00	50.65	29.544 E	-1.173 C	23.772	1437.1
51.00	51.65	29.545 E	-1.178 C	23.773	1437.0
52.00	52.60	29.546 E	-1.182 C	23.773	1437.0
53.00	53.65	29.547 E	-1.185 C	23.774	1437.1
54.00	54.75	29.548 E	-1.189 C	23.775	1437.1
55.00	55.60	29.549 E	-1.191 C	23.776	1437.1
56.00	56.65	29.550 E	-1.195 C	23.777	1437.1
57.00	57.75	29.551 E	-1.201 C	23.778	1437.0
58.00	58.70	29.552 E	-1.207 C	23.779	1437.0
59.00	59.80	29.554 E	-1.213 C	23.781	1437.0
60.00	60.70	29.555 E	-1.217 C	23.781	1437.0
61.00	61.80	29.556 E	-1.222 C	23.782	1437.0
62.00	62.75	29.557 E	-1.228 C	23.783	1437.0
63.00	63.75	29.559 E	-1.235 C	23.785	1437.0
64.00	64.75	29.561 E	-1.241 C	23.787	1437.0
65.00	65.80	29.563 E	-1.247 C	23.788	1437.0
66.00	66.80	29.564 E	-1.252 C	23.789	1437.0
67.00	67.75	29.564 E	-1.255 C	23.789	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.75	29.565 F	-1.258 C	23.790	1437.0
69.00	69.85	29.565 F	-1.261 C	23.790	1437.0
70.00	70.80	29.566 F	-1.264 C	23.791	1437.0
71.00	71.80	29.566 F	-1.266 C	23.791	1437.0
72.00	72.80	29.566 F	-1.268 C	23.791	1437.0

EXPERIMENT 586



CRUISE 02-72-014 CB3

CAMBRIDGE BAY

EXPER. NO. 586

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INCR. 1.00

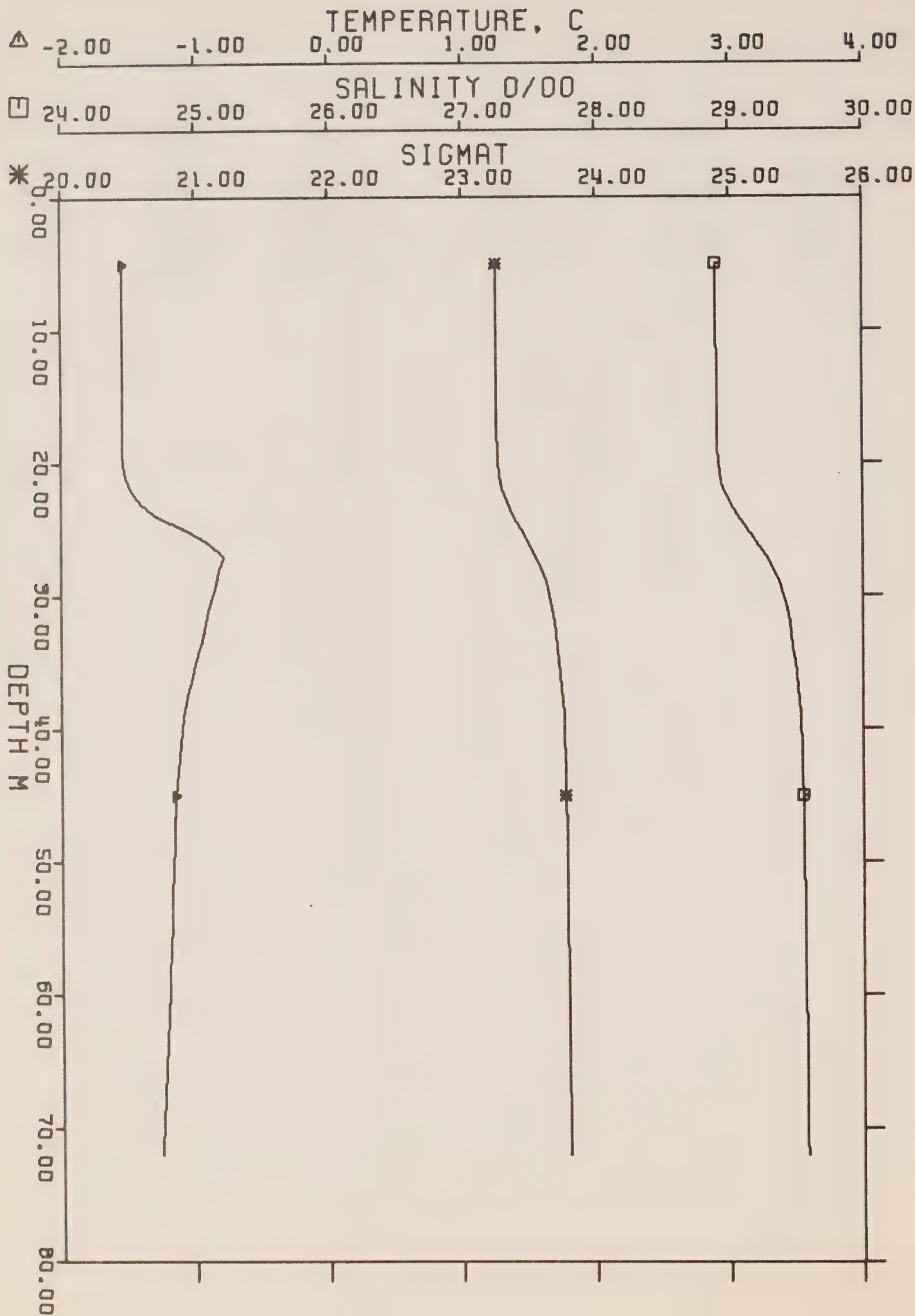
DATE 210272

LOCAL TIME 1255

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.25	28.906 E	-1.547 C	23.261	1433.6
6.00	6.30	28.905 E	-1.547 C	23.260	1433.7
7.00	7.30	28.904 E	-1.547 C	23.260	1433.7
8.00	8.20	28.903 E	-1.547 C	23.259	1433.7
9.00	9.25	28.903 E	-1.547 C	23.259	1433.7
10.00	10.35	28.902 E	-1.547 C	23.258	1433.7
11.00	11.25	28.902 E	-1.547 C	23.258	1433.7
12.00	12.30	28.902 E	-1.548 C	23.258	1433.7
13.00	13.30	28.902 E	-1.547 C	23.258	1433.8
14.00	14.30	28.903 E	-1.550 C	23.259	1433.8
15.00	15.30	28.904 E	-1.551 C	23.260	1433.8
16.00	16.30	28.904 E	-1.553 C	23.260	1433.8
17.00	17.35	28.906 E	-1.552 C	23.261	1433.8
18.00	18.35	28.907 E	-1.551 C	23.262	1433.8
19.00	19.35	28.910 E	-1.548 C	23.264	1433.9
20.00	20.40	28.915 E	-1.540 C	23.268	1433.9
21.00	21.40	28.923 E	-1.527 E	23.275	1434.0
22.00	22.40	28.943 E	-1.497 E	23.291	1434.2
23.00	23.40	28.984 E	-1.446 E	23.323	1434.5
24.00	24.40	29.042 E	-1.318 E	23.368	1435.2
25.00	25.40	29.111 E	-1.087 E	23.420	1436.4
26.00	26.40	29.178 E	-0.888 E	23.470	1437.5
27.00	27.45	29.248 E	-0.784 E	23.525	1438.1
28.00	28.40	29.309 E	-0.810 E	23.574	1438.1
29.00	29.40	29.361 E	-0.838 C	23.617	1438.0
30.00	30.45	29.396 E	-0.859 C	23.646	1438.0
31.00	31.40	29.421 E	-0.882 C	23.667	1437.9
32.00	32.40	29.440 E	-0.904 C	23.682	1437.9
33.00	33.45	29.455 E	-0.927 C	23.695	1437.9
34.00	34.50	29.468 E	-0.948 C	23.706	1437.7
35.00	35.45	29.480 E	-0.975 C	23.716	1437.7
36.00	36.50	29.492 E	-1.001 C	23.726	1437.6
37.00	37.50	29.501 E	-1.024 C	23.734	1437.5
38.00	38.50	29.509 E	-1.040 C	23.741	1437.4
39.00	39.55	29.516 E	-1.060 C	23.747	1437.4
40.00	40.60	29.523 E	-1.083 C	23.753	1437.3
41.00	41.60	29.528 E	-1.103 C	23.757	1437.2
42.00	42.55	29.532 E	-1.115 C	23.761	1437.2
43.00	43.50	29.535 E	-1.123 C	23.764	1437.2
44.00	44.55	29.537 E	-1.132 C	23.765	1437.1
45.00	45.60	29.540 E	-1.142 C	23.768	1437.1
46.00	46.55	29.542 E	-1.152 C	23.770	1437.1
47.00	47.50	29.544 E	-1.153 C	23.771	1437.1
48.00	48.55	29.544 E	-1.162 C	23.772	1437.1
49.00	49.55	29.545 E	-1.165 C	23.772	1437.1
50.00	50.60	29.546 E	-1.169 C	23.773	1437.1
51.00	51.60	29.547 E	-1.173 C	23.774	1437.1
52.00	52.70	29.548 E	-1.178 C	23.775	1437.1
53.00	53.70	29.549 E	-1.182 C	23.776	1437.1
54.00	54.65	29.550 E	-1.185 C	23.777	1437.1
55.00	55.70	29.551 E	-1.188 C	23.778	1437.1
56.00	56.70	29.552 E	-1.191 C	23.779	1437.1
57.00	57.65	29.553 E	-1.195 C	23.779	1437.1
58.00	58.65	29.554 E	-1.200 C	23.780	1437.1
59.00	59.65	29.556 E	-1.206 C	23.782	1437.1
60.00	60.65	29.558 E	-1.212 C	23.784	1437.1
61.00	61.70	29.559 E	-1.218 C	23.785	1437.0
62.00	62.75	29.561 E	-1.223 C	23.786	1437.0
63.00	63.75	29.562 E	-1.229 C	23.787	1437.0
64.00	64.75	29.563 E	-1.235 C	23.788	1437.0
65.00	65.70	29.564 E	-1.241 C	23.789	1437.0
66.00	66.75	29.565 E	-1.247 C	23.790	1437.0
67.00	67.75	29.566 E	-1.252 C	23.791	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.75	29.567 E	-1.257 C	23.792	1437.0
69.00	69.80	29.568 E	-1.260 C	23.793	1437.0
70.00	70.75	29.568 E	-1.262 C	23.793	1437.0
71.00	71.80	29.567 E	-1.265 C	23.792	1437.0
72.00	72.90	29.568 E	-1.266 C	23.793	1437.0
73.00	73.90	29.568 E	-1.268 C	23.793	1437.0

EXPERIMENT 587

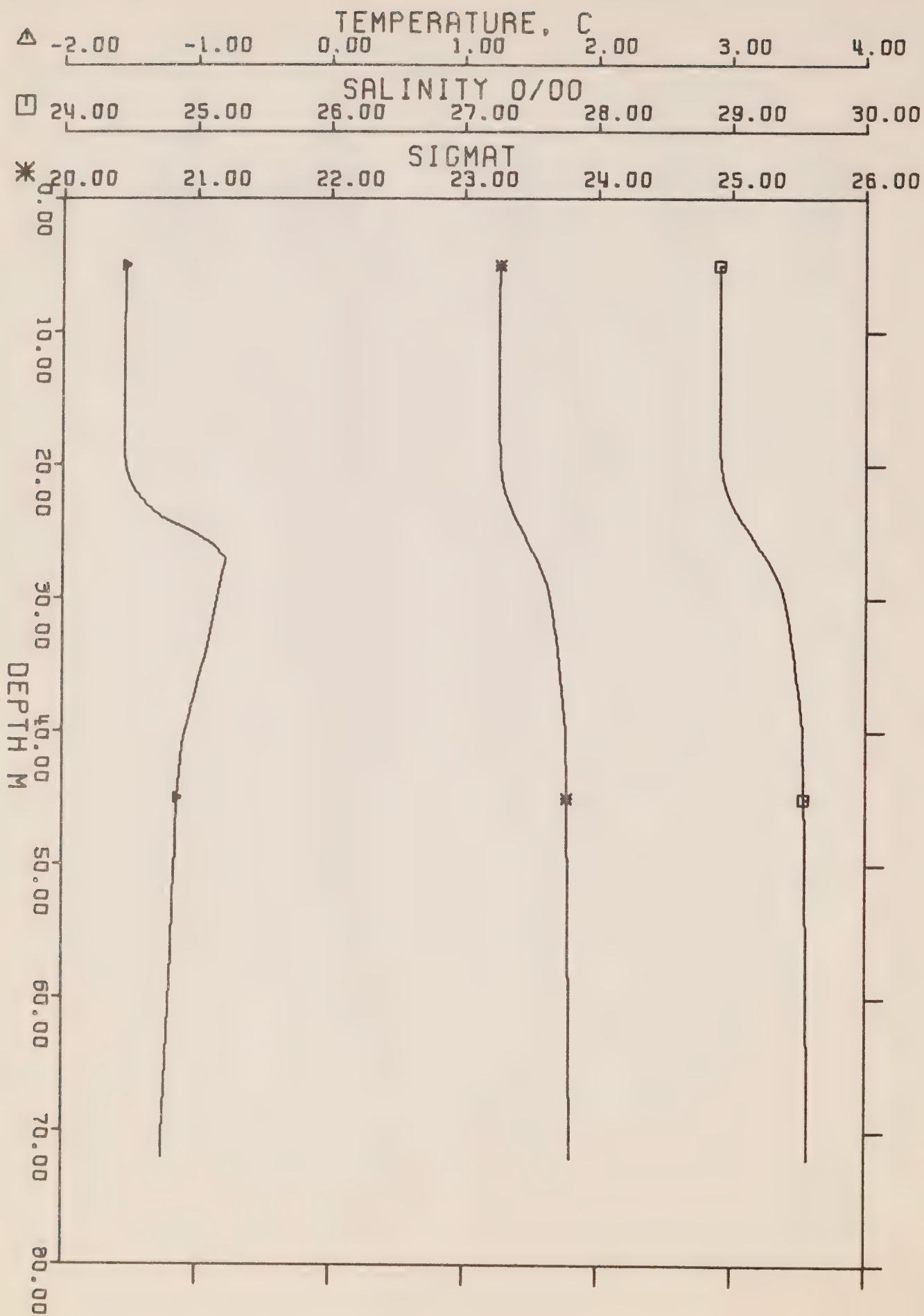


CRUISE 02-72-014 C03 CAMBRIDGE BAY EXPER. NO. 587
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 92
 DEPTH INCR. 1.00 DATE 210272 LOCAL TIME 1325

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.20	28.904 F	-1.536 C	23.259	1433.7
6.00	6.25	28.903 F	-1.536 C	23.259	1433.7
7.00	7.15	28.903 F	-1.536 C	23.259	1433.7
8.00	8.25	28.902 F	-1.536 C	23.258	1433.7
9.00	9.25	28.903 F	-1.536 C	23.259	1433.8
10.00	10.15	28.903 F	-1.536 C	23.259	1433.8
11.00	11.20	28.905 F	-1.539 C	23.260	1433.8
12.00	12.25	28.906 F	-1.542 C	23.261	1433.8
13.00	13.30	28.907 F	-1.544 C	23.262	1433.8
14.00	14.25	28.907 F	-1.545 C	23.262	1433.8
15.00	15.30	28.907 F	-1.544 C	23.262	1433.8
16.00	16.30	28.907 F	-1.544 C	23.262	1433.8
17.00	17.25	28.907 F	-1.543 C	23.262	1433.9
18.00	18.20	28.908 F	-1.543 C	23.263	1433.9
19.00	19.25	28.911 F	-1.539 C	23.265	1433.9
20.00	20.25	28.916 F	-1.532 C	23.269	1434.0
21.00	21.25	28.927 F	-1.509 F	23.278	1434.1
22.00	22.20	28.952 F	-1.467 F	23.297	1434.4
23.00	23.30	29.000 F	-1.402 F	23.335	1434.8
24.00	24.25	29.062 F	-1.283 F	23.394	1435.4
25.00	25.25	29.133 F	-1.063 F	23.438	1436.6
26.00	26.25	29.198 F	-0.885 F	23.487	1437.5
27.00	27.25	29.263 F	-0.784 F	23.541	1438.1
28.00	28.30	29.325 F	-0.815 C	23.588	1438.1
29.00	29.25	29.373 F	-0.841 C	23.627	1438.0
30.00	30.35	29.405 F	-0.868 C	23.653	1438.0
31.00	31.30	29.430 F	-0.895 C	23.674	1437.9
32.00	32.30	29.447 F	-0.916 C	23.688	1437.8
33.00	33.25	29.461 F	-0.937 C	23.700	1437.8
34.00	34.20	29.475 F	-0.966 C	23.712	1437.7
35.00	35.35	29.490 F	-0.995 C	23.725	1437.6
36.00	36.30	29.502 F	-1.024 C	23.735	1437.5
37.00	37.25	29.513 F	-1.049 C	23.744	1437.4
38.00	38.25	29.522 F	-1.075 C	23.752	1437.3
39.00	39.40	29.529 F	-1.094 C	23.758	1437.2
40.00	40.40	29.533 F	-1.105 C	23.762	1437.2
41.00	41.40	29.536 F	-1.112 C	23.764	1437.2
42.00	42.30	29.538 F	-1.119 C	23.766	1437.2
43.00	43.30	29.541 F	-1.129 C	23.768	1437.1
44.00	44.30	29.543 F	-1.139 C	23.770	1437.1
45.00	45.40	29.546 F	-1.148 C	23.773	1437.1
46.00	46.30	29.548 F	-1.154 C	23.775	1437.1
47.00	47.35	29.550 F	-1.159 C	23.776	1437.1
48.00	48.35	29.551 F	-1.161 C	23.777	1437.1
49.00	49.35	29.552 F	-1.164 C	23.778	1437.1
50.00	50.30	29.553 F	-1.167 C	23.779	1437.1
51.00	51.45	29.555 F	-1.171 C	23.781	1437.1
52.00	52.30	29.556 F	-1.176 C	23.781	1437.1
53.00	53.40	29.558 F	-1.179 C	23.783	1437.1
54.00	54.40	29.559 F	-1.182 C	23.784	1437.1
55.00	55.50	29.559 F	-1.184 C	23.784	1437.1
56.00	56.40	29.560 F	-1.188 C	23.785	1437.1
57.00	57.40	29.561 F	-1.192 C	23.786	1437.1
58.00	58.35	29.561 F	-1.196 C	23.786	1437.1
59.00	59.40	29.562 F	-1.200 C	23.787	1437.1
60.00	60.40	29.564 F	-1.204 C	23.788	1437.1
61.00	61.40	29.565 F	-1.209 C	23.789	1437.1
62.00	62.45	29.566 F	-1.213 C	23.790	1437.1
63.00	63.45	29.567 F	-1.216 C	23.791	1437.1
64.00	64.45	29.568 F	-1.221 C	23.792	1437.1
65.00	65.40	29.569 F	-1.226 C	23.793	1437.1
66.00	66.40	29.570 F	-1.232 C	23.794	1437.1
67.00	67.60	29.571 F	-1.237 C	23.795	1437.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.55	29.572 E	-1.242 C	23.796	1437.1
69.00	69.45	29.573 E	-1.247 C	23.796	1437.1
70.00	70.50	29.574 E	-1.252 C	23.797	1437.0
71.00	71.50	29.575 E	-1.256 C	23.798	1437.0
72.00	72.55	29.576 E	-1.259 C	23.799	1437.0

EXPERIMENT 588



CRUISE 02-72-014 CB3

CAMBRIDGE BAY

EXPER. NO. 588

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INCR. 1.00

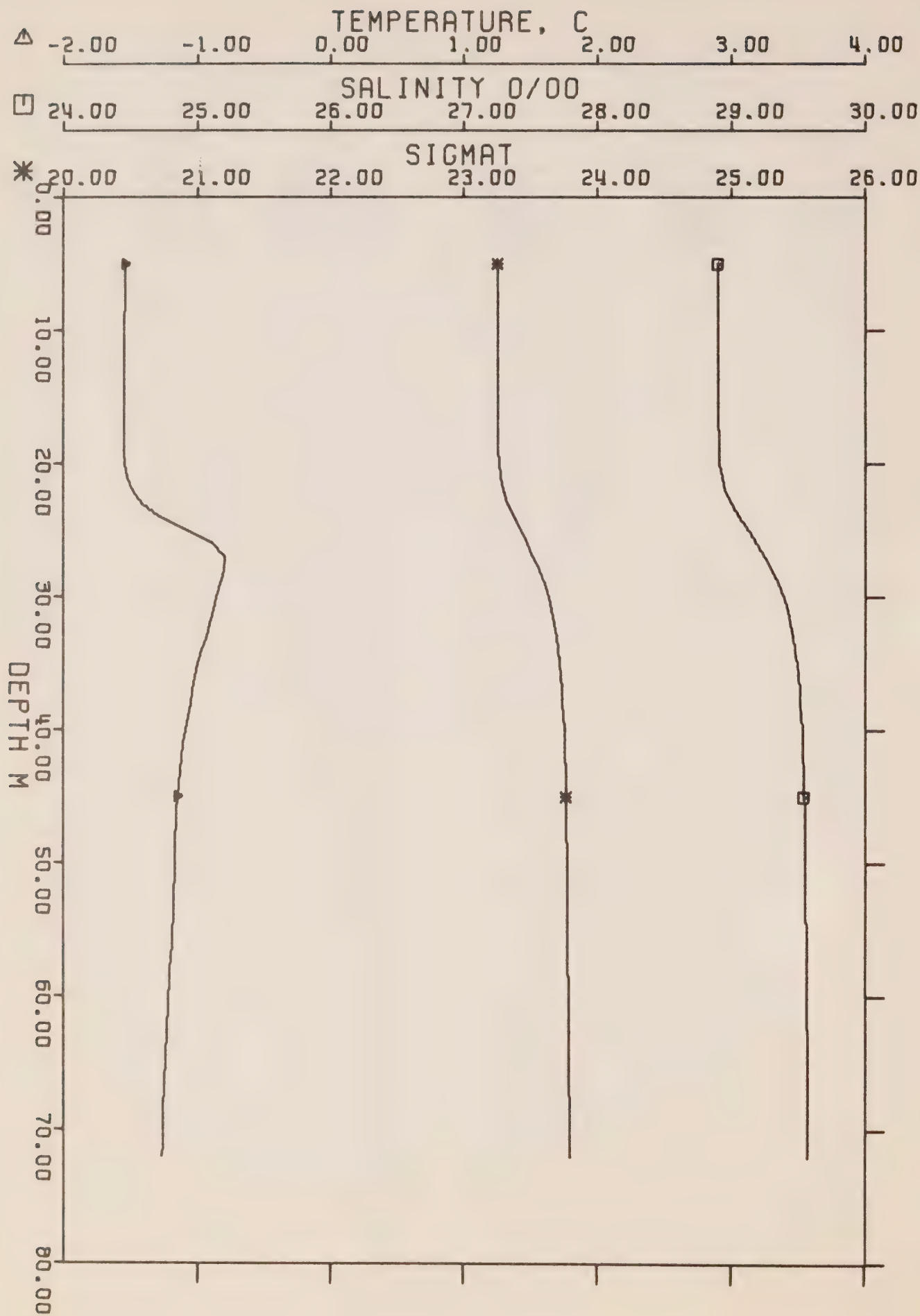
DATE 210272

LOCAL TIME 1340

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.25	28.913 F	-1.543 C	23.267	1433.7
6.00	6.25	28.911 F	-1.543 C	23.265	1433.7
7.00	7.30	28.909 F	-1.544 C	23.264	1433.7
8.00	8.30	28.908 F	-1.545 C	23.263	1433.7
9.00	9.20	28.908 F	-1.546 C	23.263	1433.7
10.00	10.30	28.908 F	-1.547 C	23.263	1433.7
11.00	11.25	28.907 F	-1.547 C	23.262	1433.7
12.00	12.35	28.907 F	-1.547 C	23.262	1433.8
13.00	13.35	28.907 F	-1.547 C	23.262	1433.8
14.00	14.35	28.908 F	-1.549 C	23.263	1433.8
15.00	15.25	28.908 F	-1.549 C	23.263	1433.8
16.00	16.25	28.909 F	-1.549 C	23.264	1433.8
17.00	17.25	28.909 F	-1.547 C	23.264	1433.8
18.00	18.30	28.910 F	-1.545 C	23.264	1433.9
19.00	19.35	28.913 F	-1.540 C	23.267	1433.9
20.00	20.40	28.919 F	-1.531 C	23.271	1434.0
21.00	21.25	28.933 F	-1.501 F	23.282	1434.2
22.00	22.30	28.957 F	-1.454 F	23.301	1434.4
23.00	23.35	29.004 F	-1.366 E	23.338	1434.9
24.00	24.30	29.061 F	-1.248 F	23.383	1435.6
25.00	25.35	29.132 F	-1.031 F	23.436	1436.7
26.00	26.45	29.194 F	-0.875 F	23.483	1437.6
27.00	27.40	29.261 F	-0.780 F	23.535	1438.1
28.00	28.40	29.314 F	-0.811 C	23.579	1438.1
29.00	29.40	29.361 F	-0.833 C	23.617	1438.1
30.00	30.45	29.391 F	-0.853 C	23.642	1438.2
31.00	31.30	29.414 F	-0.869 C	23.661	1438.2
32.00	32.40	29.430 E	-0.889 C	23.674	1437.9
33.00	33.45	29.445 F	-0.908 C	23.686	1437.9
34.00	34.45	29.458 E	-0.931 C	23.697	1437.9
35.00	35.50	29.471 E	-0.957 C	23.708	1437.7
36.00	36.50	29.485 E	-0.988 C	23.720	1437.6
37.00	37.45	29.497 E	-1.015 C	23.731	1437.5
38.00	38.45	29.508 F	-1.040 C	23.740	1437.4
39.00	39.50	29.517 E	-1.065 C	23.748	1437.3
40.00	40.50	29.526 E	-1.090 C	23.756	1437.3
41.00	41.50	29.532 E	-1.108 C	23.761	1437.2
42.00	42.50	29.535 E	-1.118 C	23.763	1437.2
43.00	43.50	29.538 F	-1.126 C	23.766	1437.2
44.00	44.50	29.540 F	-1.136 C	23.768	1437.1
45.00	45.50	29.543 F	-1.146 C	23.770	1437.1
46.00	46.55	29.545 E	-1.154 C	23.772	1437.1
47.00	47.60	29.546 E	-1.158 C	23.773	1437.1
48.00	48.55	29.547 F	-1.161 C	23.774	1437.1
49.00	49.55	29.548 F	-1.164 C	23.775	1437.1
50.00	50.55	29.549 F	-1.167 C	23.776	1437.1
51.00	51.65	29.551 E	-1.171 C	23.777	1437.1
52.00	52.55	29.553 F	-1.176 C	23.779	1437.1
53.00	53.60	29.554 F	-1.181 C	23.780	1437.1
54.00	54.65	29.555 F	-1.183 C	23.781	1437.1
55.00	55.55	29.556 F	-1.186 C	23.782	1437.1
56.00	56.60	29.557 F	-1.189 C	23.783	1437.1
57.00	57.55	29.558 F	-1.194 C	23.783	1437.1
58.00	58.60	29.559 E	-1.199 C	23.784	1437.1
59.00	59.55	29.560 E	-1.204 C	23.785	1437.1
60.00	60.65	29.562 F	-1.209 C	23.787	1437.1
61.00	61.55	29.562 E	-1.213 C	23.787	1437.1
62.00	62.65	29.563 F	-1.217 C	23.788	1437.1
63.00	63.55	29.564 E	-1.221 C	23.789	1437.1
64.00	64.65	29.566 F	-1.226 C	23.790	1437.1
65.00	65.60	29.567 F	-1.231 C	23.791	1437.1
66.00	66.60	29.569 E	-1.236 C	23.793	1437.1
67.00	67.60	29.570 E	-1.242 C	23.794	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.65	29.572 E	-1.248 C	23.796	1437.0
69.00	69.70	29.573 E	-1.253 C	23.797	1437.0
70.00	70.70	29.573 E	-1.257 C	23.797	1437.0
71.00	71.65	29.574 E	-1.260 C	23.798	1437.0
72.00	72.70	29.574 E	-1.262 C	23.798	1437.0

EXPERIMENT 589



CRUISE 02-72-014 CB3

CAMBRIDGE BAY

EXPER. NO. 589

LAT. N59 06.5

LONG. W105 04.0

WATER DEPTH 82

DEPTH INCR. 1.00

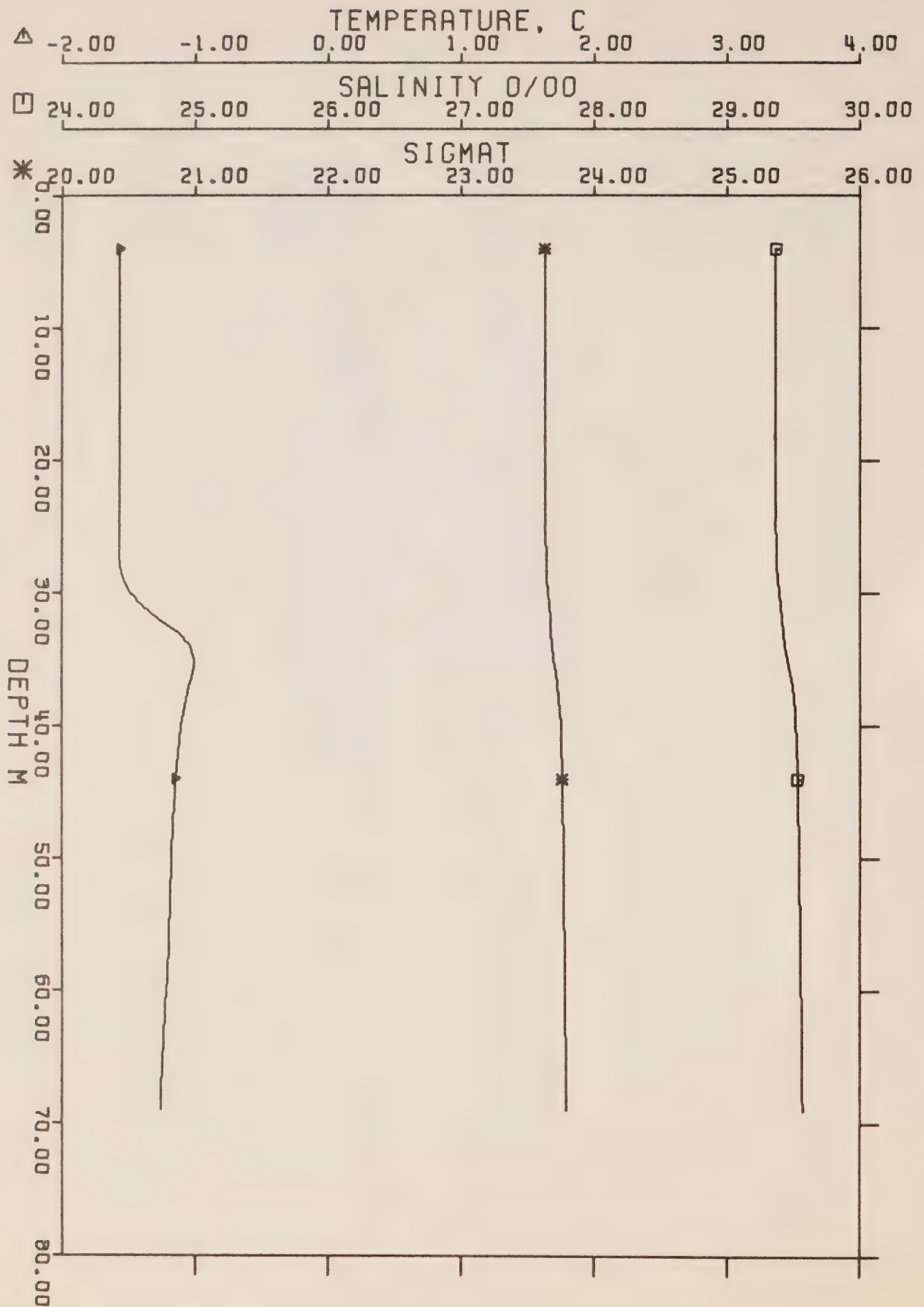
DATE 210272

LOCAL TIME 1405

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
5.00	5.25	28.902 E	-1.545 C	23.258	1433.6
6.00	6.25	28.902 E	-1.545 C	23.258	1433.7
7.00	7.20	28.902 E	-1.544 C	23.258	1433.7
8.00	8.30	28.902 E	-1.545 C	23.258	1433.7
9.00	9.25	28.903 E	-1.546 C	23.259	1433.7
10.00	10.30	28.903 E	-1.547 C	23.259	1433.7
11.00	11.25	28.902 E	-1.546 C	23.258	1433.7
12.00	12.25	28.902 E	-1.546 C	23.258	1433.8
13.00	13.20	28.901 E	-1.547 C	23.257	1433.8
14.00	14.30	28.901 E	-1.549 C	23.257	1433.8
15.00	15.30	28.902 E	-1.550 C	23.258	1433.8
16.00	16.25	28.903 E	-1.551 C	23.259	1433.8
17.00	17.35	28.904 E	-1.551 C	23.260	1433.8
18.00	18.30	28.906 E	-1.550 C	23.261	1433.8
19.00	19.40	28.909 E	-1.547 C	23.264	1433.9
20.00	20.40	28.915 E	-1.540 C	23.268	1433.9
21.00	21.40	28.926 F	-1.525 F	23.277	1434.0
22.00	22.30	28.952 F	-1.484 F	23.298	1434.3
23.00	23.40	28.998 F	-1.413 F	23.334	1434.7
24.00	24.35	29.059 F	-1.276 F	23.381	1435.5
25.00	25.40	29.126 F	-1.071 F	23.432	1436.5
26.00	26.35	29.187 F	-0.882 F	23.478	1437.5
27.00	27.45	29.248 F	-0.789 F	23.525	1438.1
28.00	28.40	29.305 F	-0.798 F	23.571	1438.1
29.00	29.40	29.355 F	-0.834 C	23.612	1438.0
30.00	30.40	29.393 F	-0.856 C	23.643	1438.0
31.00	31.45	29.419 F	-0.882 C	23.665	1437.9
32.00	32.55	29.441 F	-0.906 C	23.683	1437.9
33.00	33.50	29.458 F	-0.933 C	23.697	1437.8
34.00	34.40	29.475 F	-0.966 C	23.712	1437.7
35.00	35.45	29.489 F	-0.999 C	23.724	1437.6
36.00	36.45	29.500 F	-1.025 C	23.733	1437.5
37.00	37.45	29.507 F	-1.040 C	23.739	1437.4
38.00	38.55	29.513 F	-1.055 C	23.744	1437.4
39.00	39.50	29.519 F	-1.075 C	23.750	1437.3
40.00	40.55	29.526 F	-1.094 C	23.756	1437.2
41.00	41.45	29.530 F	-1.108 C	23.759	1437.2
42.00	42.40	29.534 F	-1.118 C	23.763	1437.2
43.00	43.55	29.538 F	-1.130 C	23.766	1437.1
44.00	44.50	29.541 F	-1.142 C	23.769	1437.1
45.00	45.50	29.544 F	-1.151 C	23.771	1437.1
46.00	46.50	29.546 F	-1.158 C	23.773	1437.1
47.00	47.55	29.547 F	-1.162 C	23.774	1437.1
48.00	48.45	29.548 F	-1.166 C	23.775	1437.1
49.00	49.55	29.549 F	-1.167 C	23.776	1437.1
50.00	50.55	29.550 F	-1.170 C	23.777	1437.1
51.00	51.65	29.552 F	-1.173 C	23.778	1437.1
52.00	52.55	29.553 F	-1.178 C	23.779	1437.1
53.00	53.65	29.554 F	-1.181 C	23.780	1437.1
54.00	54.55	29.555 F	-1.185 C	23.781	1437.1
55.00	55.55	29.556 F	-1.189 C	23.782	1437.1
56.00	56.55	29.556 F	-1.194 C	23.782	1437.1
57.00	57.60	29.557 F	-1.200 C	23.783	1437.1
58.00	58.65	29.559 F	-1.206 C	23.784	1437.0
59.00	59.55	29.560 F	-1.211 C	23.785	1437.0
60.00	60.55	29.562 F	-1.217 C	23.787	1437.0
61.00	61.65	29.563 F	-1.222 C	23.788	1437.0
62.00	62.65	29.564 F	-1.226 C	23.789	1437.0
63.00	63.65	29.566 F	-1.231 C	23.791	1437.0
64.00	64.65	29.567 F	-1.237 C	23.791	1437.0
65.00	65.55	29.569 F	-1.244 C	23.793	1437.0
66.00	66.65	29.570 F	-1.249 C	23.794	1437.0
67.00	67.70	29.571 F	-1.254 C	23.795	1437.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.00	68.70	29.572 E	-1.258 C	23.796	1437.0
69.00	69.70	29.573 E	-1.261 C	23.797	1437.0
70.00	70.60	29.573 E	-1.263 C	23.797	1437.0
71.00	71.70	29.573 E	-1.265 C	23.797	1437.0
72.00	72.65	29.573 E	-1.267 C	23.797	1437.0

EXPERIMENT 626



CRUISE 02-72-015 CB4

CAMBRIDGE BAY

EXPER. NO. 626

LAT. N59 06.5

LONG. W105 04.0

WATER DEPTH 82

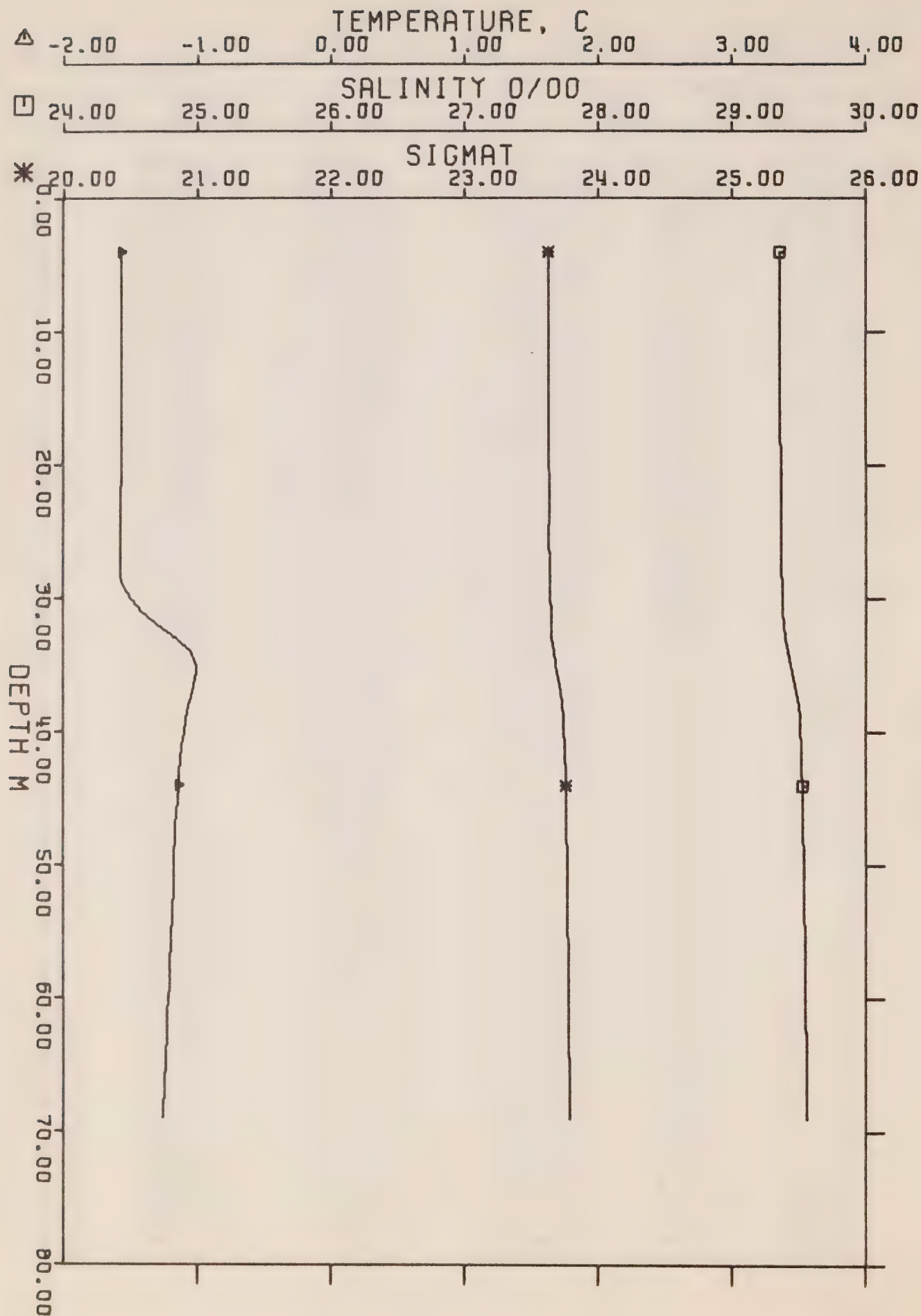
DEPTH INCR. 1.00

DATE 100472

LOCAL TIME 1545

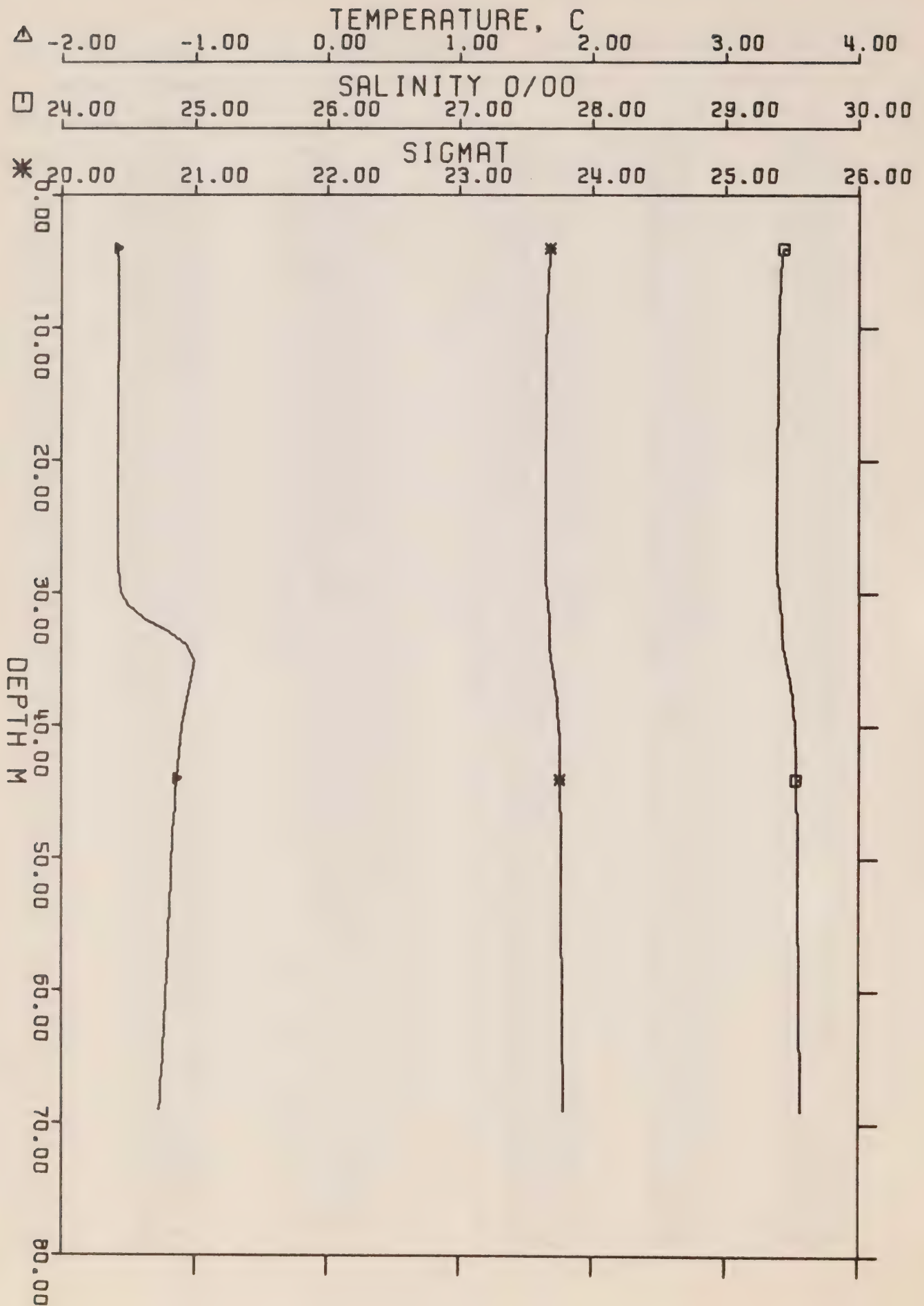
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.20	29.366 D	-1.568 C	23.634	1434.2
5.00	5.20	29.364 D	-1.564 C	23.632	1434.2
6.00	6.15	29.362 D	-1.568 C	23.630	1434.2
7.00	7.15	29.362 D	-1.563 C	23.630	1434.2
8.00	8.20	29.362 D	-1.567 C	23.630	1434.2
9.00	9.20	29.362 D	-1.568 C	23.630	1434.2
10.00	10.20	29.362 D	-1.567 C	23.630	1434.3
11.00	11.30	29.363 D	-1.567 C	23.631	1434.3
12.00	12.25	29.363 D	-1.567 C	23.631	1434.3
13.00	13.30	29.363 D	-1.567 C	23.631	1434.3
14.00	14.30	29.363 D	-1.567 C	23.631	1434.3
15.00	15.30	29.363 D	-1.567 C	23.631	1434.4
16.00	16.35	29.363 D	-1.567 C	23.631	1434.4
17.00	17.35	29.364 D	-1.567 C	23.632	1434.4
18.00	18.25	29.364 D	-1.567 C	23.632	1434.4
19.00	19.25	29.365 D	-1.567 C	23.633	1434.4
20.00	20.35	29.364 D	-1.567 C	23.632	1434.4
21.00	21.30	29.364 D	-1.567 C	23.632	1434.5
22.00	22.40	29.365 D	-1.569 C	23.633	1434.5
23.00	23.35	29.365 D	-1.571 C	23.633	1434.5
24.00	24.30	29.366 D	-1.572 C	23.634	1434.5
25.00	25.45	29.365 D	-1.575 C	23.633	1434.5
26.00	26.35	29.367 D	-1.574 C	23.635	1434.5
27.00	27.35	29.368 D	-1.574 C	23.635	1434.5
28.00	28.35	29.372 D	-1.556 C	23.638	1434.6
29.00	29.45	29.378 E	-1.530 D	23.643	1434.8
30.00	30.40	29.390 F	-1.477 D	23.652	1435.1
31.00	31.45	29.402 E	-1.393 D	23.661	1435.5
32.00	32.45	29.411 E	-1.270 D	23.666	1436.1
33.00	33.40	29.419 F	-1.124 D	23.670	1436.8
34.00	34.40	29.430 E	-1.031 E	23.677	1437.3
35.00	35.45	29.450 E	-0.996 E	23.692	1437.5
36.00	36.50	29.470 E	-1.021 F	23.709	1437.4
37.00	37.40	29.487 D	-1.048 D	23.723	1437.3
38.00	38.50	29.499 D	-1.073 C	23.733	1437.3
39.00	39.55	29.508 D	-1.094 C	23.741	1437.2
40.00	40.50	29.515 D	-1.108 C	23.747	1437.2
41.00	41.50	29.519 D	-1.119 C	23.751	1437.1
42.00	42.60	29.523 D	-1.129 C	23.754	1437.1
43.00	43.55	29.527 D	-1.138 C	23.757	1437.1
44.00	44.55	29.530 D	-1.147 C	23.760	1437.1
45.00	45.60	29.532 D	-1.154 C	23.762	1437.0
46.00	46.60	29.534 D	-1.161 C	23.763	1437.0
47.00	47.60	29.535 D	-1.167 C	23.764	1437.0
48.00	48.60	29.537 D	-1.173 C	23.766	1437.0
49.00	49.55	29.539 D	-1.178 C	23.768	1437.0
50.00	50.60	29.540 D	-1.181 C	23.769	1437.0
51.00	51.60	29.542 D	-1.183 C	23.770	1437.0
52.00	52.65	29.543 D	-1.186 C	23.771	1437.0
53.00	53.60	29.544 D	-1.189 C	23.772	1437.0
54.00	54.65	29.546 D	-1.193 C	23.774	1437.0
55.00	55.70	29.547 D	-1.197 C	23.775	1437.0
56.00	56.65	29.549 D	-1.201 C	23.776	1437.0
57.00	57.70	29.550 D	-1.205 C	23.777	1437.0
58.00	58.80	29.551 D	-1.210 C	23.778	1437.0
59.00	59.75	29.553 D	-1.215 C	23.780	1437.0
60.00	60.65	29.555 D	-1.222 C	23.781	1437.0
61.00	61.75	29.557 D	-1.228 C	23.783	1437.0
62.00	62.75	29.553 D	-1.232 C	23.784	1437.0
63.00	63.75	29.559 D	-1.236 C	23.785	1437.0
64.00	64.75	29.560 D	-1.241 C	23.786	1437.0
65.00	65.75	29.561 D	-1.247 C	23.787	1437.0
66.00	66.80	29.563 D	-1.253 C	23.788	1437.0
67.00	67.75	29.565 D	-1.258 C	23.790	1437.0
68.00	68.80	29.565 D	-1.263 C	23.790	1437.0
69.00	69.85	29.566 D	-1.265 C	23.791	1437.0

EXPERIMENT 627



CRUISE 02-72-015		CB4	CAMBRIDGE HAY		EXPER. NO.	627
LAT. N69 06.5			LONG. W105 04.0		WATER DEPTH	82
DEPTH INCR. 1.00			DATE 100472		LOCAL TIME	1630
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND	
4.00	4.25	29.363 D	-1.568 C	23.631	1434.2	
5.00	5.25	29.363 D	-1.568 C	23.631	1434.2	
6.00	6.25	29.363 D	-1.568 C	23.631	1434.2	
7.00	7.30	29.363 D	-1.568 C	23.631	1434.2	
8.00	8.30	29.363 D	-1.568 C	23.631	1434.2	
9.00	9.35	29.363 D	-1.568 C	23.631	1434.2	
10.00	10.30	29.363 D	-1.568 C	23.631	1434.3	
11.00	11.30	29.363 D	-1.568 C	23.631	1434.3	
12.00	12.45	29.363 D	-1.568 C	23.631	1434.3	
13.00	13.35	29.363 D	-1.568 C	23.631	1434.3	
14.00	14.40	29.363 D	-1.568 C	23.631	1434.3	
15.00	15.40	29.363 D	-1.568 C	23.631	1434.3	
16.00	16.40	29.364 D	-1.568 C	23.632	1434.4	
17.00	17.45	29.364 D	-1.568 C	23.632	1434.4	
18.00	18.45	29.365 D	-1.568 C	23.633	1434.4	
19.00	19.50	29.366 D	-1.568 C	23.634	1434.4	
20.00	20.45	29.366 D	-1.569 C	23.634	1434.4	
21.00	21.45	29.368 D	-1.572 C	23.635	1434.4	
22.00	22.50	29.369 D	-1.576 C	23.636	1434.4	
23.00	23.45	29.369 D	-1.579 C	23.636	1434.4	
24.00	24.45	29.368 D	-1.581 C	23.635	1434.4	
25.00	25.45	29.367 D	-1.582 C	23.635	1434.5	
26.00	26.55	29.367 D	-1.582 C	23.635	1434.5	
27.00	27.45	29.368 D	-1.582 C	23.635	1434.5	
28.00	28.55	29.371 D	-1.579 C	23.638	1434.5	
29.00	29.50	29.375 D	-1.550 D	23.641	1434.7	
30.00	30.50	29.380 D	-1.494 D	23.644	1435.0	
31.00	31.60	29.384 E	-1.407 D	23.646	1435.4	
32.00	32.65	29.390 E	-1.289 D	23.649	1436.0	
33.00	33.55	29.399 E	-1.148 D	23.654	1436.7	
34.00	34.55	29.416 E	-1.039 D	23.666	1437.2	
35.00	35.55	29.439 E	-0.998 E	23.684	1437.5	
36.00	36.65	29.464 E	-1.016 F	23.704	1437.5	
37.00	37.55	29.483 D	-1.044 D	23.720	1437.4	
38.00	38.60	29.497 D	-1.069 C	23.732	1437.3	
39.00	39.65	29.506 D	-1.089 C	23.739	1437.2	
40.00	40.65	29.512 D	-1.104 C	23.745	1437.2	
41.00	41.65	29.517 D	-1.116 C	23.749	1437.1	
42.00	42.70	29.521 D	-1.127 C	23.752	1437.1	
43.00	43.70	29.525 D	-1.136 C	23.756	1437.1	
44.00	44.70	29.527 D	-1.144 C	23.757	1437.1	
45.00	45.70	29.530 D	-1.152 C	23.760	1437.1	
46.00	46.65	29.532 D	-1.159 C	23.762	1437.0	
47.00	47.70	29.533 D	-1.166 C	23.763	1437.0	
48.00	48.70	29.535 D	-1.172 C	23.764	1437.0	
49.00	49.75	29.537 D	-1.178 C	23.766	1437.0	
50.00	50.80	29.538 D	-1.180 C	23.767	1437.0	
51.00	51.85	29.540 D	-1.182 C	23.769	1437.0	
52.00	52.80	29.541 D	-1.185 C	23.770	1437.0	
53.00	53.75	29.543 D	-1.189 C	23.771	1437.0	
54.00	54.75	29.545 D	-1.194 C	23.773	1437.0	
55.00	55.75	29.546 D	-1.198 C	23.774	1437.0	
56.00	56.75	29.548 D	-1.203 C	23.775	1437.0	
57.00	57.80	29.549 D	-1.206 C	23.776	1437.0	
58.00	58.75	29.550 D	-1.210 C	23.777	1437.0	
59.00	59.90	29.552 D	-1.215 C	23.779	1437.0	
60.00	60.80	29.553 D	-1.222 C	23.780	1437.0	
61.00	61.85	29.555 D	-1.227 C	23.782	1437.0	
62.00	62.85	29.555 D	-1.231 C	23.782	1437.0	
63.00	63.90	29.556 D	-1.234 C	23.783	1437.0	
64.00	64.90	29.557 D	-1.239 C	23.783	1437.0	
65.00	65.85	29.559 D	-1.244 C	23.785	1437.0	
66.00	66.90	29.560 D	-1.250 C	23.786	1437.0	
67.00	67.90	29.562 D	-1.255 C	23.788	1437.0	
68.00	68.90	29.563 D	-1.260 C	23.789	1437.0	
69.00	69.90	29.564 D	-1.264 C	23.789	1437.0	

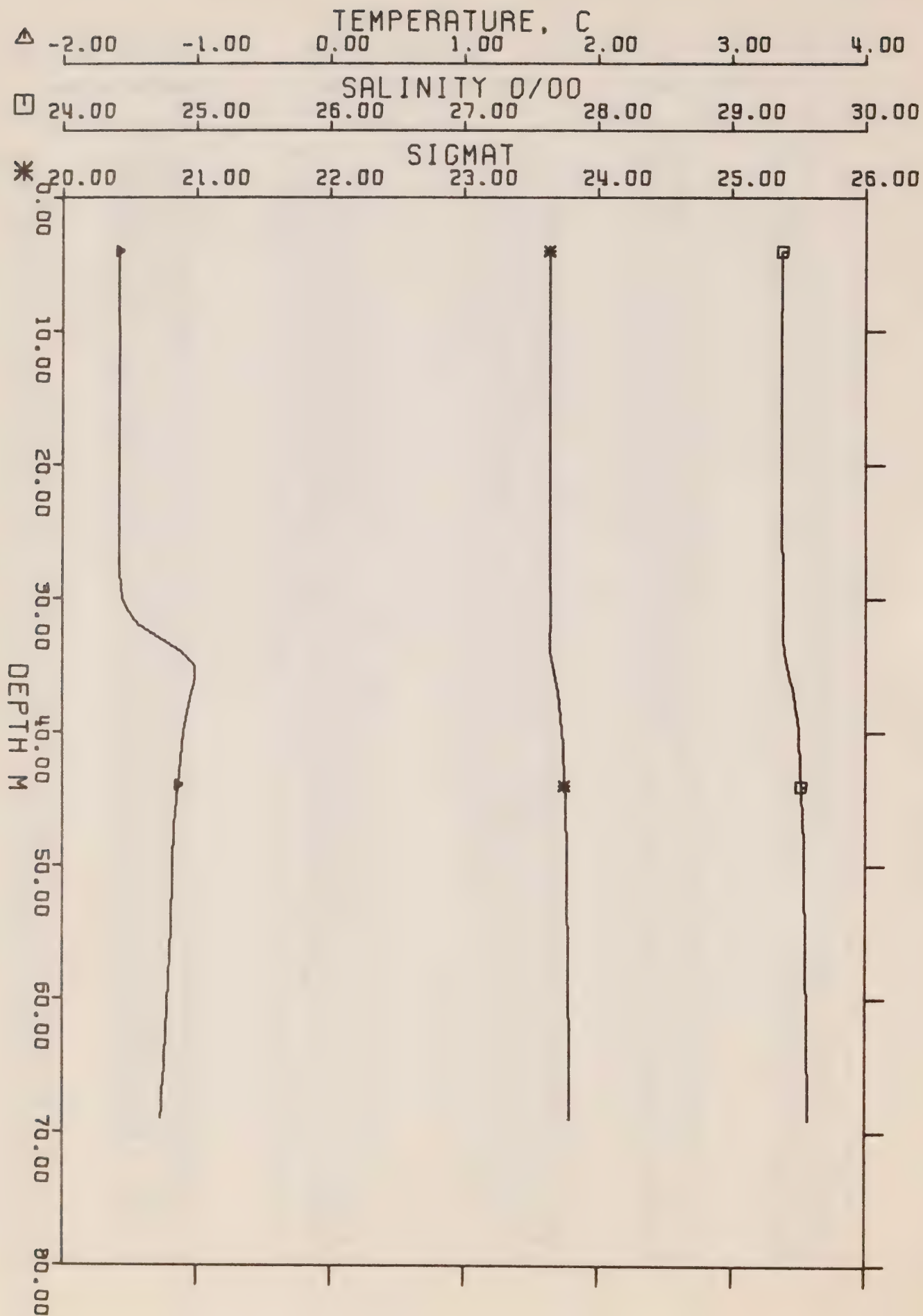
EXPERIMENT 632



CRUISE 02-72-015 CB4 CAMBRIDGE BAY EXPER. NO. 632
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 92
 DEPTH INCR. 1.00 DATE 110472 LOCAL TIME 1115

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.20	29.441 D	-1.576 C	23.695	1434.2
5.00	5.15	29.430 D	-1.575 C	23.686	1434.2
6.00	6.15	29.423 D	-1.575 C	23.680	1434.2
7.00	7.20	29.417 D	-1.575 C	23.675	1434.3
8.00	8.20	29.413 D	-1.575 C	23.672	1434.3
9.00	9.20	29.409 D	-1.575 C	23.669	1434.3
10.00	10.25	29.407 D	-1.575 C	23.667	1434.3
11.00	11.25	29.404 D	-1.575 C	23.665	1434.3
12.00	12.25	29.402 D	-1.575 C	23.663	1434.3
13.00	13.25	29.401 D	-1.576 C	23.662	1434.3
14.00	14.25	29.399 D	-1.576 C	23.661	1434.3
15.00	15.35	29.398 D	-1.577 C	23.660	1434.4
16.00	16.20	29.397 D	-1.577 C	23.659	1434.4
17.00	17.30	29.396 D	-1.577 C	23.658	1434.4
18.00	18.30	29.393 D	-1.577 C	23.656	1434.4
19.00	19.30	29.392 D	-1.576 C	23.655	1434.4
20.00	20.25	29.390 D	-1.577 C	23.653	1434.4
21.00	21.35	29.388 D	-1.577 C	23.652	1434.4
22.00	22.30	29.386 D	-1.577 C	23.650	1434.4
23.00	23.35	29.385 D	-1.577 C	23.649	1434.5
24.00	24.35	29.383 D	-1.577 C	23.648	1434.5
25.00	25.30	29.382 D	-1.577 C	23.647	1434.5
26.00	26.30	29.381 D	-1.577 C	23.646	1434.5
27.00	27.35	29.381 D	-1.577 C	23.646	1434.5
28.00	28.40	29.383 D	-1.573 C	23.648	1434.6
29.00	29.35	29.389 D	-1.565 D	23.652	1434.6
30.00	30.40	29.400 D	-1.549 D	23.661	1434.7
31.00	31.45	29.414 E	-1.493 D	23.672	1435.0
32.00	32.40	29.421 E	-1.367 D	23.675	1435.7
33.00	33.45	29.425 E	-1.184 D	23.676	1436.6
34.00	34.40	29.432 E	-1.052 D	23.679	1437.2
35.00	35.45	29.450 E	-1.000 E	23.692	1437.5
36.00	36.45	29.471 E	-1.020 D	23.710	1437.4
37.00	37.45	29.489 D	-1.039 C	23.725	1437.4
38.00	38.45	29.502 D	-1.061 C	23.736	1437.3
39.00	39.45	29.513 D	-1.082 C	23.745	1437.3
40.00	40.45	29.520 D	-1.102 C	23.751	1437.2
41.00	41.50	29.525 D	-1.114 C	23.755	1437.2
42.00	42.45	29.527 D	-1.122 C	23.757	1437.1
43.00	43.60	29.529 D	-1.129 C	23.759	1437.1
44.00	44.60	29.531 D	-1.136 C	23.761	1437.1
45.00	45.55	29.533 D	-1.146 C	23.762	1437.1
46.00	46.50	29.535 D	-1.155 C	23.764	1437.1
47.00	47.55	29.536 D	-1.162 C	23.765	1437.0
48.00	48.65	29.538 D	-1.169 C	23.767	1437.0
49.00	49.55	29.539 D	-1.174 C	23.768	1437.0
50.00	50.65	29.539 D	-1.178 C	23.768	1437.0
51.00	51.65	29.540 D	-1.181 C	23.769	1437.0
52.00	52.70	29.541 D	-1.183 C	23.769	1437.0
53.00	53.60	29.542 D	-1.187 C	23.770	1437.0
54.00	54.65	29.543 D	-1.191 C	23.771	1437.0
55.00	55.65	29.544 D	-1.196 C	23.772	1437.0
56.00	56.75	29.545 D	-1.200 C	23.773	1437.0
57.00	57.65	29.547 D	-1.205 C	23.775	1437.0
58.00	58.65	29.548 D	-1.208 C	23.776	1437.0
59.00	59.80	29.549 D	-1.212 C	23.776	1437.0
60.00	60.70	29.550 D	-1.216 C	23.777	1437.0
61.00	61.75	29.551 D	-1.221 C	23.778	1437.0
62.00	62.75	29.552 D	-1.226 C	23.779	1437.0
63.00	63.70	29.554 D	-1.232 C	23.781	1437.0
64.00	64.75	29.555 D	-1.239 C	23.782	1437.0
65.00	65.80	29.557 D	-1.245 C	23.784	1437.0
66.00	66.80	29.559 D	-1.252 C	23.785	1437.0
67.00	67.80	29.560 D	-1.258 C	23.786	1437.0
68.00	68.80	29.561 D	-1.263 C	23.787	1436.9
69.00	69.80	29.562 D	-1.266 C	23.788	1437.0

EXPERIMENT 634



CRUISE 02-72-015 CB4

CAMBRIDGE BAY

EXPER. NO. 634

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

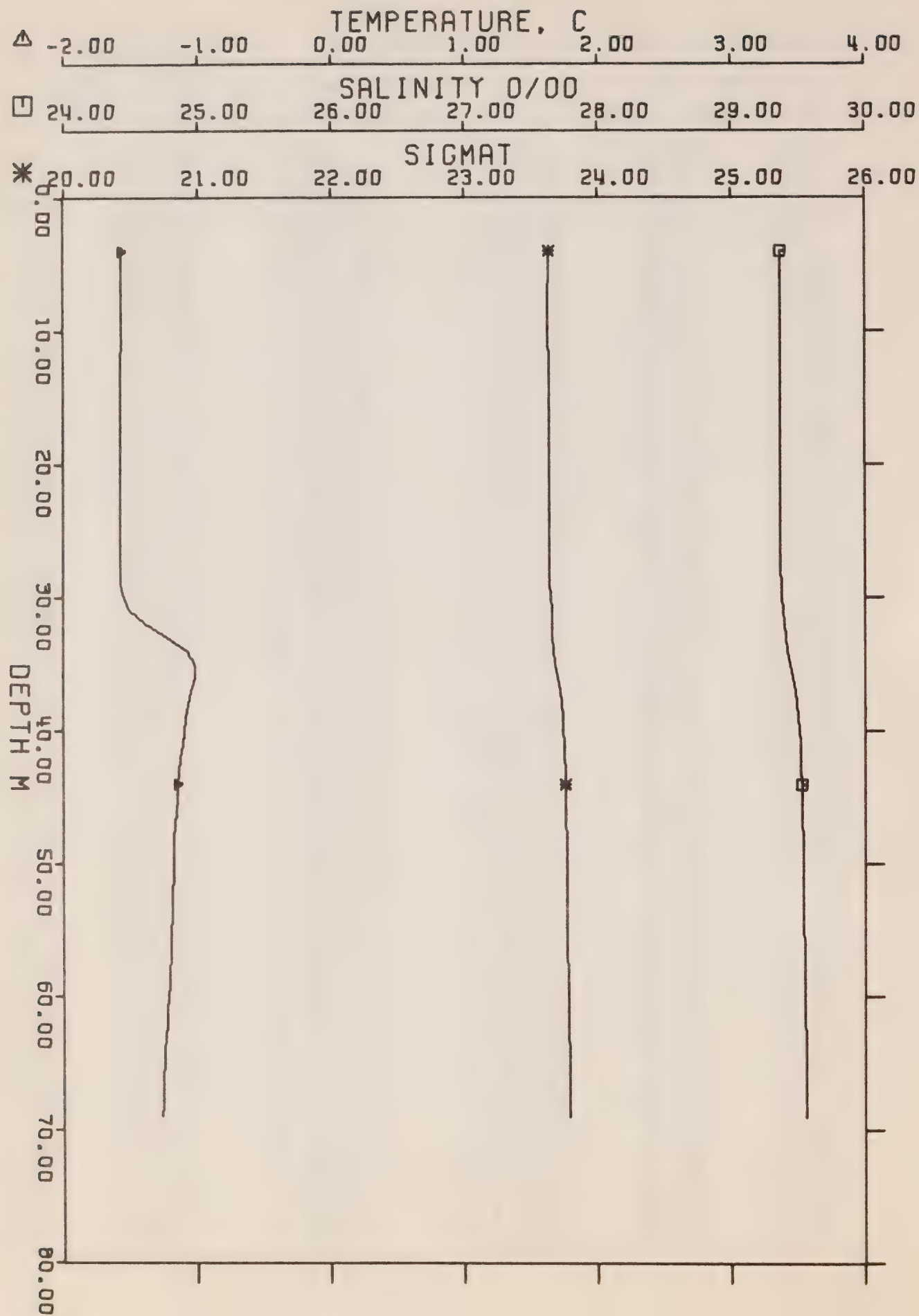
DEPTH INCR. 1.00

DATE 110472

LOCAL TIME 1350

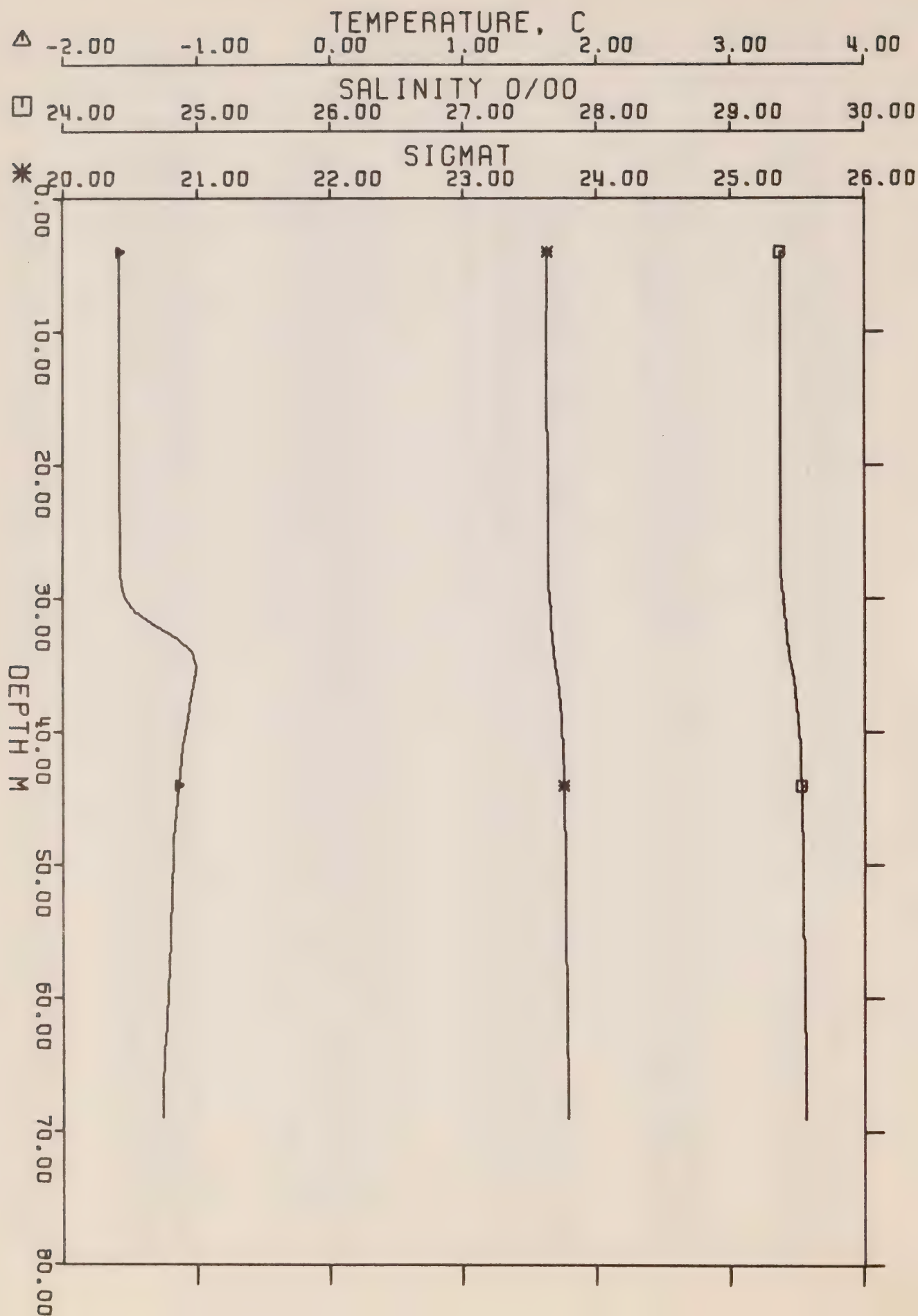
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.10	29.376 D	-1.576 C	23.642	1434.1
5.00	5.15	29.375 D	-1.576 C	23.641	1434.2
6.00	6.10	29.375 D	-1.576 C	23.641	1434.2
7.00	7.15	29.375 D	-1.577 C	23.641	1434.2
8.00	8.15	29.375 D	-1.577 C	23.641	1434.2
9.00	9.20	29.374 D	-1.576 C	23.640	1434.2
10.00	10.25	29.374 D	-1.575 C	23.640	1434.2
11.00	11.20	29.374 D	-1.575 C	23.640	1434.3
12.00	12.30	29.374 D	-1.576 C	23.640	1434.3
13.00	13.20	29.374 D	-1.576 C	23.640	1434.3
14.00	14.20	29.373 D	-1.576 C	23.639	1434.3
15.00	15.20	29.373 D	-1.576 C	23.639	1434.3
16.00	16.30	29.372 D	-1.576 C	23.639	1434.3
17.00	17.25	29.372 D	-1.576 C	23.639	1434.4
18.00	18.25	29.372 D	-1.576 C	23.639	1434.4
19.00	19.35	29.372 D	-1.576 C	23.639	1434.4
20.00	20.30	29.373 D	-1.576 C	23.639	1434.4
21.00	21.35	29.373 D	-1.576 C	23.639	1434.4
22.00	22.25	29.373 D	-1.576 C	23.639	1434.4
23.00	23.30	29.373 D	-1.577 C	23.639	1434.4
24.00	24.35	29.373 D	-1.577 C	23.639	1434.5
25.00	25.30	29.373 D	-1.577 C	23.639	1434.5
26.00	26.35	29.373 D	-1.577 C	23.639	1434.5
27.00	27.30	29.375 D	-1.576 C	23.641	1434.5
28.00	28.35	29.376 D	-1.575 C	23.642	1434.5
29.00	29.40	29.380 D	-1.564 D	23.645	1434.6
30.00	30.40	29.382 D	-1.546 D	23.646	1434.7
31.00	31.40	29.386 E	-1.504 D	23.649	1434.9
32.00	32.40	29.383 E	-1.427 D	23.646	1435.3
33.00	33.50	29.383 E	-1.267 D	23.643	1436.1
34.00	34.50	29.386 E	-1.112 D	23.643	1436.9
35.00	35.40	29.406 E	-1.011 D	23.657	1437.4
36.00	36.45	29.431 E	-1.009 D	23.677	1437.4
37.00	37.55	29.456 D	-1.036 C	23.698	1437.4
38.00	38.45	29.474 D	-1.060 C	23.713	1437.3
39.00	39.50	29.486 D	-1.082 C	23.723	1437.2
40.00	40.50	29.496 D	-1.097 C	23.732	1437.2
41.00	41.50	29.503 D	-1.108 C	23.737	1437.2
42.00	42.55	29.509 D	-1.117 C	23.742	1437.1
43.00	43.65	29.515 D	-1.127 C	23.747	1437.1
44.00	44.55	29.520 D	-1.137 C	23.752	1437.1
45.00	45.55	29.525 D	-1.148 C	23.756	1437.1
46.00	46.60	29.530 D	-1.158 C	23.760	1437.0
47.00	47.60	29.533 D	-1.168 C	23.763	1437.0
48.00	48.60	29.536 D	-1.175 C	23.765	1437.0
49.00	49.60	29.538 D	-1.179 C	23.767	1437.0
50.00	50.60	29.540 D	-1.182 C	23.769	1437.0
51.00	51.60	29.541 D	-1.184 C	23.769	1437.0
52.00	52.70	29.543 D	-1.185 C	23.771	1437.0
53.00	53.65	29.544 D	-1.188 C	23.772	1437.0
54.00	54.65	29.546 D	-1.191 C	23.774	1437.0
55.00	55.70	29.548 D	-1.195 C	23.775	1437.0
56.00	56.70	29.549 D	-1.199 C	23.776	1437.0
57.00	57.75	29.550 D	-1.202 C	23.777	1437.0
58.00	58.70	29.551 D	-1.206 C	23.778	1437.0
59.00	59.70	29.553 D	-1.211 C	23.780	1437.0
60.00	60.75	29.556 D	-1.217 C	23.782	1437.0
61.00	61.75	29.558 D	-1.224 C	23.784	1437.0
62.00	62.70	29.560 D	-1.229 C	23.786	1437.0
63.00	63.65	29.561 D	-1.234 C	23.787	1437.0
64.00	64.75	29.563 D	-1.239 C	23.788	1437.0
65.00	65.75	29.565 D	-1.245 C	23.790	1437.0
66.00	66.85	29.566 D	-1.251 C	23.791	1437.0
67.00	67.85	29.568 D	-1.257 C	23.793	1437.0
68.00	68.80	29.569 D	-1.262 C	23.794	1437.0
69.00	69.90	29.570 D	-1.266 C	23.794	1437.0

EXPERIMENT 636



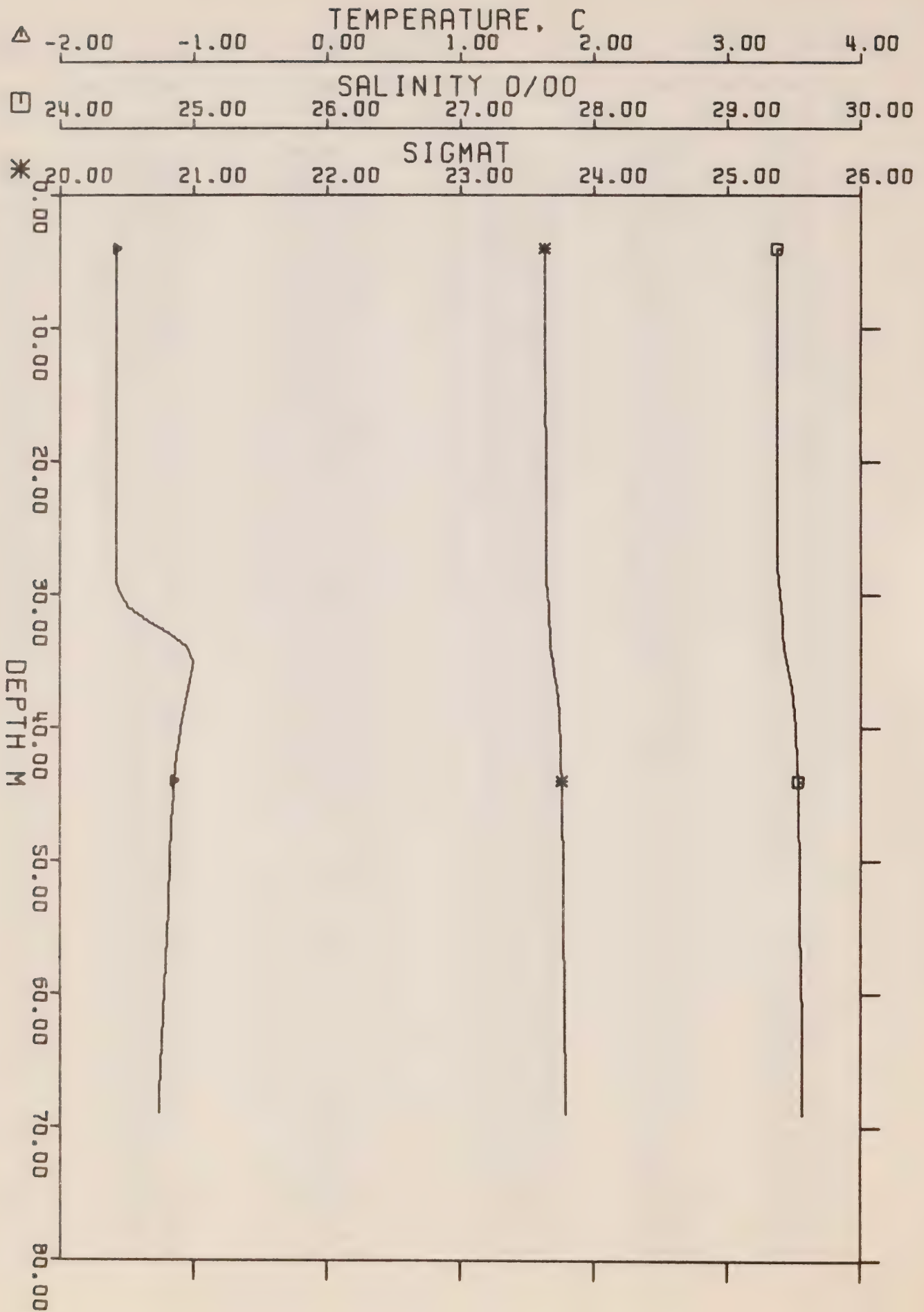
CRUISE 02-72-015		CB4	CAMBRIDGE BAY		EXPER. NO. 636	
LAT. N69 06.5			LONG. W105 04.0		WATER DEPTH 82	
DEPTH INCR. 1.00			DATE 110472		LOCAL TIME 1600	
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND	
4.00	4.00	29.369 D	-1.575 C	23.636	1434.1	
5.00	5.05	29.368 D	-1.575 C	23.635	1434.2	
6.00	6.05	29.368 D	-1.575 C	23.635	1434.2	
7.00	7.05	29.367 D	-1.575 C	23.635	1434.2	
8.00	8.10	29.367 D	-1.575 C	23.635	1434.2	
9.00	9.10	29.367 D	-1.575 C	23.635	1434.2	
10.00	10.15	29.367 D	-1.575 C	23.635	1434.2	
11.00	11.10	29.367 D	-1.575 C	23.635	1434.2	
12.00	12.10	29.368 D	-1.576 C	23.635	1434.3	
13.00	13.15	29.368 D	-1.576 C	23.635	1434.3	
14.00	14.10	29.368 D	-1.576 C	23.635	1434.3	
15.00	15.05	29.368 D	-1.576 C	23.635	1434.3	
16.00	16.15	29.369 D	-1.576 C	23.636	1434.3	
17.00	17.15	29.369 D	-1.577 C	23.636	1434.3	
18.00	18.20	29.369 D	-1.577 C	23.636	1434.4	
19.00	19.20	29.369 D	-1.576 C	23.636	1434.4	
20.00	20.20	29.369 D	-1.576 C	23.636	1434.4	
21.00	21.20	29.369 D	-1.576 C	23.636	1434.4	
22.00	22.20	29.369 D	-1.577 C	23.636	1434.4	
23.00	23.20	29.369 D	-1.577 C	23.636	1434.4	
24.00	24.15	29.369 D	-1.577 C	23.636	1434.5	
25.00	25.25	29.369 D	-1.577 C	23.636	1434.5	
26.00	26.25	29.370 D	-1.577 C	23.637	1434.5	
27.00	27.25	29.371 D	-1.576 C	23.638	1434.5	
28.00	28.20	29.373 D	-1.574 D	23.639	1434.5	
29.00	29.20	29.376 E	-1.566 D	23.642	1434.6	
30.00	30.25	29.385 E	-1.540 D	23.649	1434.8	
31.00	31.30	29.395 E	-1.498 D	23.656	1435.0	
32.00	32.25	29.404 E	-1.382 E	23.662	1435.6	
33.00	33.30	29.409 E	-1.216 E	23.663	1436.4	
34.00	34.30	29.418 E	-1.066 E	23.668	1437.1	
35.00	35.35	29.437 E	-1.006 E	23.682	1437.4	
36.00	36.30	29.460 E	-1.021 E	23.701	1437.4	
37.00	37.35	29.481 D	-1.047 C	23.718	1437.3	
38.00	38.30	29.495 D	-1.070 C	23.730	1437.3	
39.00	39.30	29.505 D	-1.089 C	23.739	1437.2	
40.00	40.35	29.512 D	-1.103 C	23.745	1437.2	
41.00	41.35	29.517 D	-1.115 C	23.749	1437.1	
42.00	42.30	29.521 D	-1.127 C	23.752	1437.1	
43.00	43.30	29.525 D	-1.138 C	23.756	1437.1	
44.00	44.45	29.528 D	-1.147 C	23.758	1437.1	
45.00	45.40	29.530 D	-1.155 C	23.760	1437.0	
46.00	46.40	29.532 D	-1.163 C	23.762	1437.0	
47.00	47.40	29.534 D	-1.170 C	23.764	1437.0	
48.00	48.45	29.536 D	-1.176 C	23.765	1437.0	
49.00	49.40	29.538 D	-1.180 C	23.767	1437.0	
50.00	50.40	29.539 D	-1.182 C	23.768	1437.0	
51.00	51.40	29.541 D	-1.185 C	23.770	1437.0	
52.00	52.40	29.542 D	-1.187 C	23.770	1437.0	
53.00	53.50	29.543 D	-1.191 C	23.771	1437.0	
54.00	54.45	29.544 D	-1.195 C	23.772	1437.0	
55.00	55.45	29.545 D	-1.198 C	23.773	1437.0	
56.00	56.50	29.546 D	-1.202 C	23.774	1437.0	
57.00	57.45	29.547 D	-1.205 C	23.775	1437.0	
58.00	58.55	29.549 D	-1.210 C	23.776	1437.0	
59.00	59.50	29.550 D	-1.214 C	23.777	1437.0	
60.00	60.55	29.552 D	-1.220 C	23.779	1437.0	
61.00	61.50	29.554 D	-1.227 C	23.781	1437.0	
62.00	62.60	29.555 D	-1.234 C	23.782	1437.0	
63.00	63.60	29.557 D	-1.240 C	23.783	1437.0	
64.00	64.55	29.559 D	-1.246 C	23.785	1437.0	
65.00	65.55	29.561 D	-1.251 C	23.787	1437.0	
66.00	66.65	29.562 D	-1.256 C	23.788	1436.9	
67.00	67.60	29.563 D	-1.260 C	23.789	1436.9	
68.00	68.60	29.564 D	-1.263 C	23.789	1436.9	
69.00	69.60	29.564 D	-1.266 C	23.790	1437.0	

EXPERIMENT 637



CRUISE 02-72-015 CB4			CAMBRIDGE BAY		EXPER. NO. 637	
LAT. N69 06.5			LONG. W105 04.0		WATER DEPTH 82	
DEPTH INCR. 1.00			DATE 110472		LOCAL TIME 1700	
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND	
4.00	4.15	29.374 D	-1.579 C	23.640	1434.1	
5.00	5.20	29.374 D	-1.580 C	23.640	1434.1	
6.00	6.05	29.372 D	-1.578 C	23.639	1434.2	
7.00	7.15	29.370 D	-1.578 C	23.637	1434.2	
8.00	8.30	29.368 D	-1.577 C	23.635	1434.2	
9.00	9.05	29.367 D	-1.577 C	23.635	1434.2	
10.00	10.15	29.366 D	-1.576 C	23.634	1434.2	
11.00	11.15	29.366 D	-1.576 C	23.634	1434.2	
12.00	12.15	29.367 D	-1.577 C	23.635	1434.3	
13.00	13.10	29.367 D	-1.577 C	23.635	1434.3	
14.00	14.10	29.367 D	-1.577 C	23.635	1434.3	
15.00	15.15	29.367 D	-1.577 C	23.635	1434.3	
16.00	16.10	29.367 D	-1.576 C	23.635	1434.3	
17.00	17.15	29.367 D	-1.577 C	23.635	1434.3	
18.00	18.20	29.368 D	-1.577 C	23.635	1434.4	
19.00	19.20	29.368 D	-1.577 C	23.635	1434.4	
20.00	20.15	29.368 D	-1.577 C	23.635	1434.4	
21.00	21.15	29.368 D	-1.577 C	23.635	1434.4	
22.00	22.25	29.368 D	-1.577 C	23.635	1434.4	
23.00	23.25	29.368 D	-1.576 C	23.635	1434.4	
24.00	24.15	29.368 D	-1.575 C	23.635	1434.5	
25.00	25.25	29.368 D	-1.575 C	23.635	1434.5	
26.00	26.25	29.368 D	-1.575 C	23.635	1434.5	
27.00	27.20	29.369 D	-1.574 C	23.636	1434.5	
28.00	28.35	29.371 D	-1.572 C	23.638	1434.6	
29.00	29.35	29.377 F	-1.557 C	23.642	1434.6	
30.00	30.25	29.388 E	-1.529 F	23.651	1434.8	
31.00	31.30	29.401 E	-1.457 F	23.661	1435.2	
32.00	32.25	29.409 F	-1.313 E	23.665	1435.9	
33.00	33.30	29.416 F	-1.142 F	23.668	1436.7	
34.00	34.30	29.429 E	-1.026 F	23.676	1437.3	
35.00	35.35	29.448 E	-1.001 E	23.691	1437.5	
36.00	36.40	29.467 E	-1.022 E	23.707	1437.4	
37.00	37.35	29.482 D	-1.039 C	23.719	1437.4	
38.00	38.30	29.492 D	-1.057 C	23.727	1437.3	
39.00	39.30	29.501 D	-1.075 C	23.735	1437.3	
40.00	40.35	29.509 D	-1.094 C	23.742	1437.2	
41.00	41.35	29.516 D	-1.109 C	23.748	1437.2	
42.00	42.40	29.520 D	-1.122 C	23.751	1437.1	
43.00	43.45	29.525 D	-1.134 C	23.756	1437.1	
44.00	44.35	29.527 D	-1.145 C	23.757	1437.1	
45.00	45.40	29.530 D	-1.155 C	23.760	1437.0	
46.00	46.35	29.532 D	-1.163 C	23.762	1437.0	
47.00	47.45	29.534 D	-1.170 C	23.764	1437.0	
48.00	48.45	29.536 D	-1.176 C	23.765	1437.0	
49.00	49.50	29.537 D	-1.180 C	23.766	1437.0	
50.00	50.50	29.538 D	-1.183 C	23.767	1437.0	
51.00	51.50	29.540 D	-1.186 C	23.769	1437.0	
52.00	52.50	29.541 D	-1.189 C	23.770	1437.0	
53.00	53.55	29.542 D	-1.193 C	23.770	1437.0	
54.00	54.55	29.543 D	-1.197 C	23.771	1437.0	
55.00	55.45	29.545 D	-1.201 C	23.773	1437.0	
56.00	56.55	29.546 D	-1.205 C	23.774	1437.0	
57.00	57.50	29.547 D	-1.208 C	23.775	1437.0	
58.00	58.55	29.549 D	-1.213 C	23.776	1437.0	
59.00	59.55	29.550 D	-1.217 C	23.777	1437.0	
60.00	60.55	29.552 D	-1.222 C	23.779	1437.0	
61.00	61.50	29.553 D	-1.228 C	23.780	1437.0	
62.00	62.55	29.555 D	-1.234 C	23.782	1437.0	
63.00	63.60	29.556 D	-1.240 C	23.783	1437.0	
64.00	64.65	29.558 D	-1.246 C	23.784	1437.0	
65.00	65.60	29.559 D	-1.251 C	23.785	1436.9	
66.00	66.60	29.561 D	-1.257 C	23.787	1436.9	
67.00	67.60	29.562 D	-1.260 C	23.788	1436.9	
68.00	68.60	29.563 D	-1.263 C	23.789	1436.9	
69.00	69.60	29.563 D	-1.265 C	23.789	1437.0	

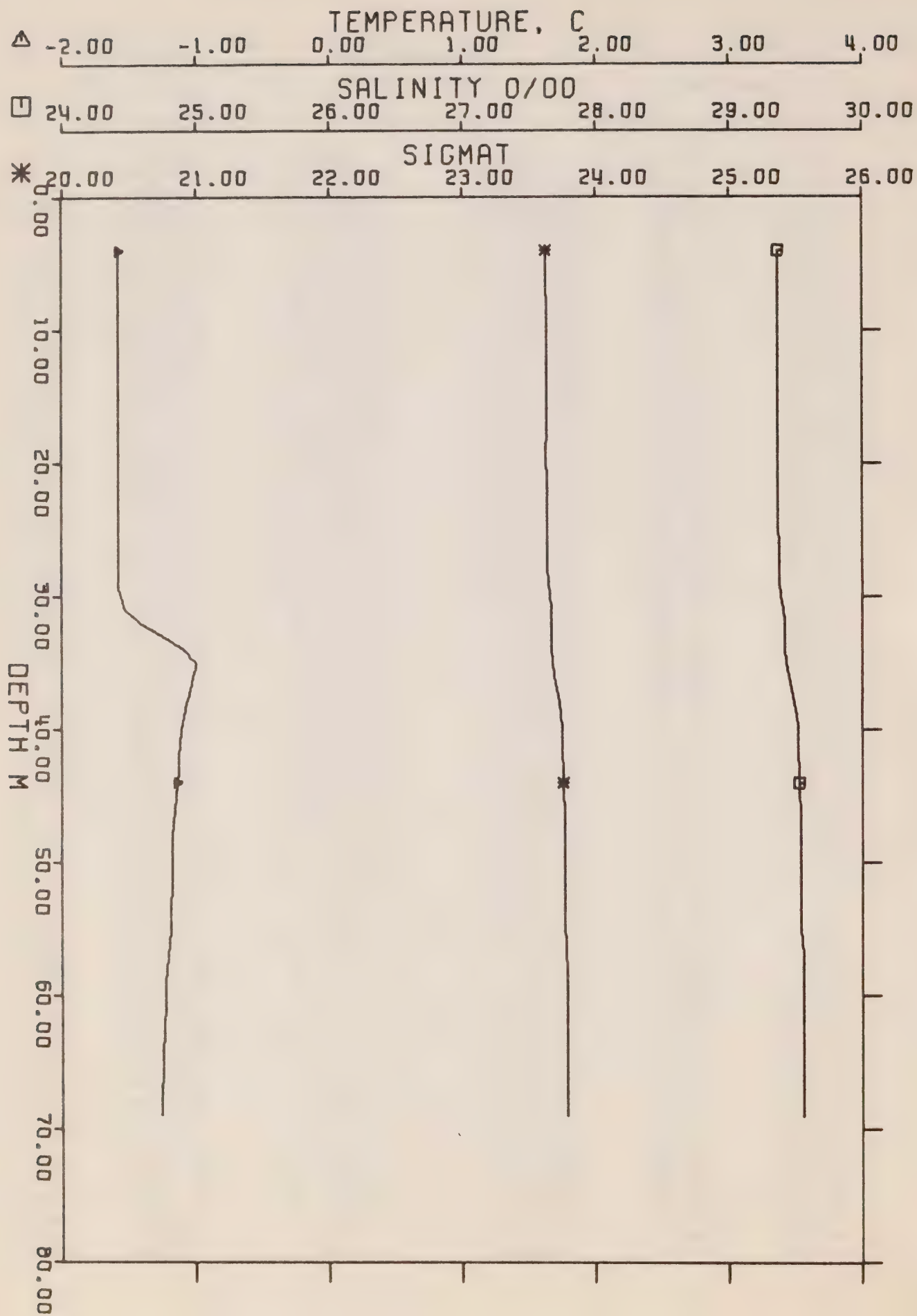
EXPERIMENT 638



CRUISE 02-72-015 CB4 CAMBRIDGE BAY EXPER. NO. 638
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 110472 LOCAL TIME 1900

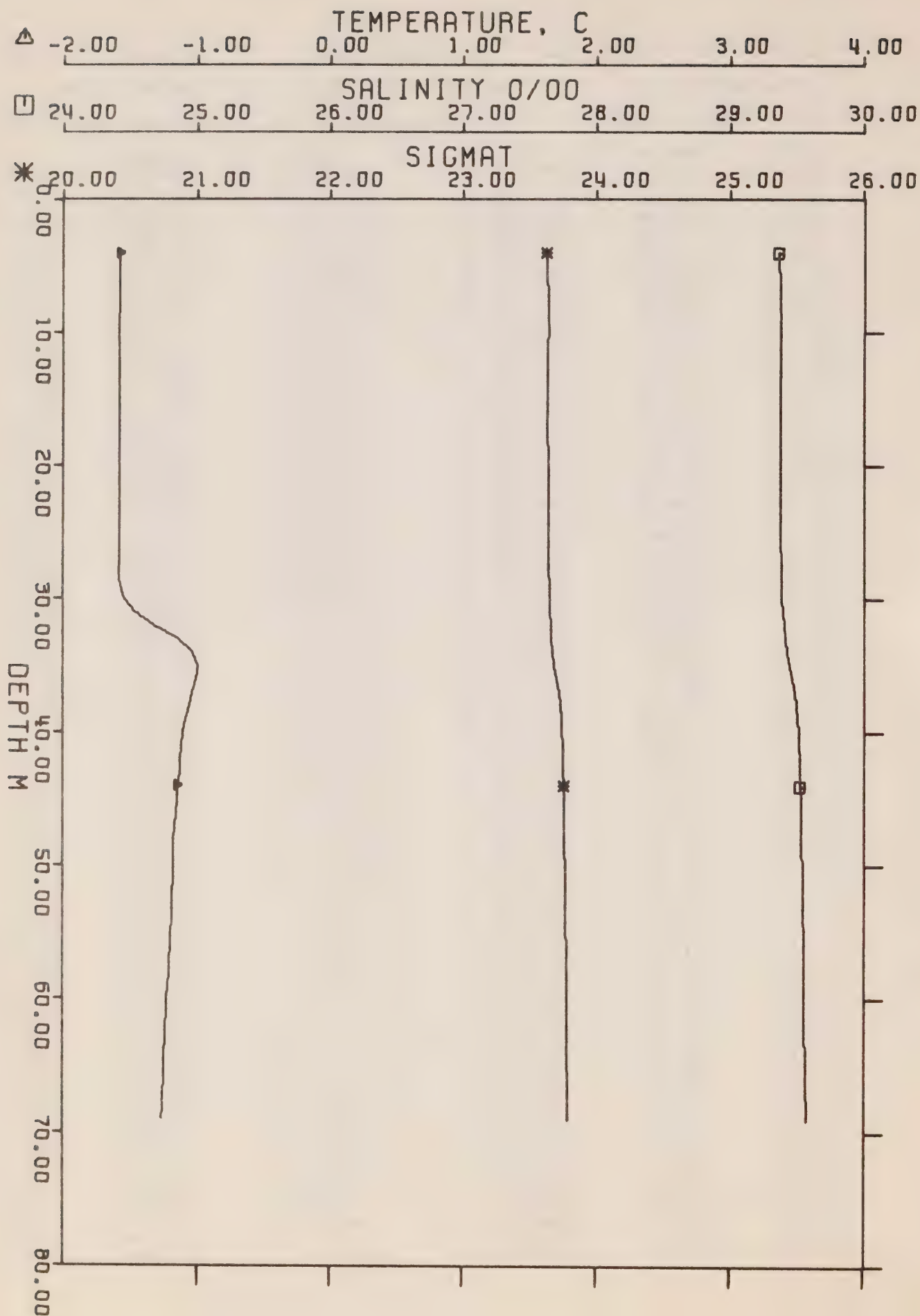
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.366 D	-1.578 C	23.634	1434.1
5.00	5.10	29.366 D	-1.578 C	23.634	1434.1
6.00	6.10	29.366 D	-1.578 C	23.634	1434.2
7.00	7.10	29.366 D	-1.578 C	23.634	1434.2
8.00	8.05	29.366 D	-1.579 C	23.634	1434.2
9.00	9.05	29.367 D	-1.578 C	23.635	1434.2
10.00	10.15	29.366 D	-1.578 C	23.634	1434.2
11.00	11.10	29.366 D	-1.577 C	23.634	1434.2
12.00	12.10	29.366 D	-1.577 C	23.634	1434.3
13.00	13.15	29.367 D	-1.577 C	23.635	1434.3
14.00	14.10	29.367 D	-1.577 C	23.635	1434.3
15.00	15.25	29.368 D	-1.577 C	23.635	1434.3
16.00	16.15	29.368 D	-1.577 C	23.635	1434.3
17.00	17.10	29.367 D	-1.577 C	23.635	1434.3
18.00	18.25	29.368 D	-1.577 C	23.635	1434.4
19.00	19.25	29.368 D	-1.577 C	23.635	1434.4
20.00	20.15	29.368 D	-1.577 C	23.635	1434.4
21.00	21.20	29.368 D	-1.577 C	23.635	1434.4
22.00	22.30	29.368 D	-1.577 C	23.635	1434.4
23.00	23.25	29.368 D	-1.577 C	23.635	1434.4
24.00	24.25	29.368 D	-1.577 C	23.635	1434.5
25.00	25.25	29.368 D	-1.577 C	23.635	1434.5
26.00	26.30	29.369 D	-1.577 C	23.636	1434.5
27.00	27.25	29.369 D	-1.577 C	23.636	1434.5
28.00	28.30	29.373 D	-1.578 C	23.639	1434.5
29.00	29.30	29.379 D	-1.578 C	23.644	1434.5
30.00	30.35	29.391 E	-1.544 E	23.654	1434.7
31.00	31.30	29.400 E	-1.481 E	23.660	1435.1
32.00	32.30	29.408 E	-1.341 E	23.665	1435.8
33.00	33.30	29.412 E	-1.173 E	23.665	1436.6
34.00	34.30	29.424 E	-1.041 E	23.672	1437.2
35.00	35.35	29.442 E	-0.996 E	23.686	1437.5
36.00	36.35	29.463 E	-1.020 E	23.703	1437.4
37.00	37.30	29.480 D	-1.044 C	23.718	1437.4
38.00	38.35	29.492 D	-1.065 C	23.728	1437.3
39.00	39.40	29.502 D	-1.084 C	23.736	1437.2
40.00	40.35	29.509 D	-1.101 C	23.742	1437.2
41.00	41.40	29.515 D	-1.114 C	23.747	1437.1
42.00	42.40	29.520 D	-1.126 C	23.751	1437.1
43.00	43.45	29.524 D	-1.137 C	23.755	1437.1
44.00	44.35	29.527 D	-1.148 C	23.758	1437.0
45.00	45.40	29.529 D	-1.155 C	23.759	1437.0
46.00	46.50	29.531 D	-1.162 C	23.761	1437.0
47.00	47.50	29.533 D	-1.168 C	23.763	1437.0
48.00	48.45	29.535 D	-1.174 C	23.764	1437.0
49.00	49.45	29.536 D	-1.179 C	23.765	1437.0
50.00	50.65	29.538 D	-1.181 C	23.767	1437.0
51.00	51.55	29.540 D	-1.184 C	23.769	1437.0
52.00	52.65	29.541 D	-1.186 C	23.770	1437.0
53.00	53.50	29.541 D	-1.189 C	23.770	1437.0
54.00	54.55	29.542 D	-1.192 C	23.770	1437.0
55.00	55.55	29.543 D	-1.197 C	23.771	1437.0
56.00	56.50	29.545 D	-1.203 C	23.773	1437.0
57.00	57.55	29.547 D	-1.208 C	23.775	1437.0
58.00	58.70	29.549 D	-1.213 C	23.776	1437.0
59.00	59.50	29.551 D	-1.218 C	23.778	1437.0
60.00	60.55	29.554 D	-1.224 C	23.781	1437.0
61.00	61.75	29.556 D	-1.229 C	23.782	1437.0
62.00	62.60	29.556 D	-1.233 C	23.783	1437.0
63.00	63.60	29.557 D	-1.237 C	23.783	1437.0
64.00	64.70	29.558 D	-1.241 C	23.784	1437.0
65.00	65.80	29.560 D	-1.246 C	23.786	1437.0
66.00	66.75	29.562 D	-1.251 C	23.788	1437.0
67.00	67.85	29.563 D	-1.256 C	23.789	1437.0
68.00	68.75	29.563 D	-1.261 C	23.789	1437.0
69.00	69.70	29.563 D	-1.264 C	23.789	1437.0

EXPERIMENT 639



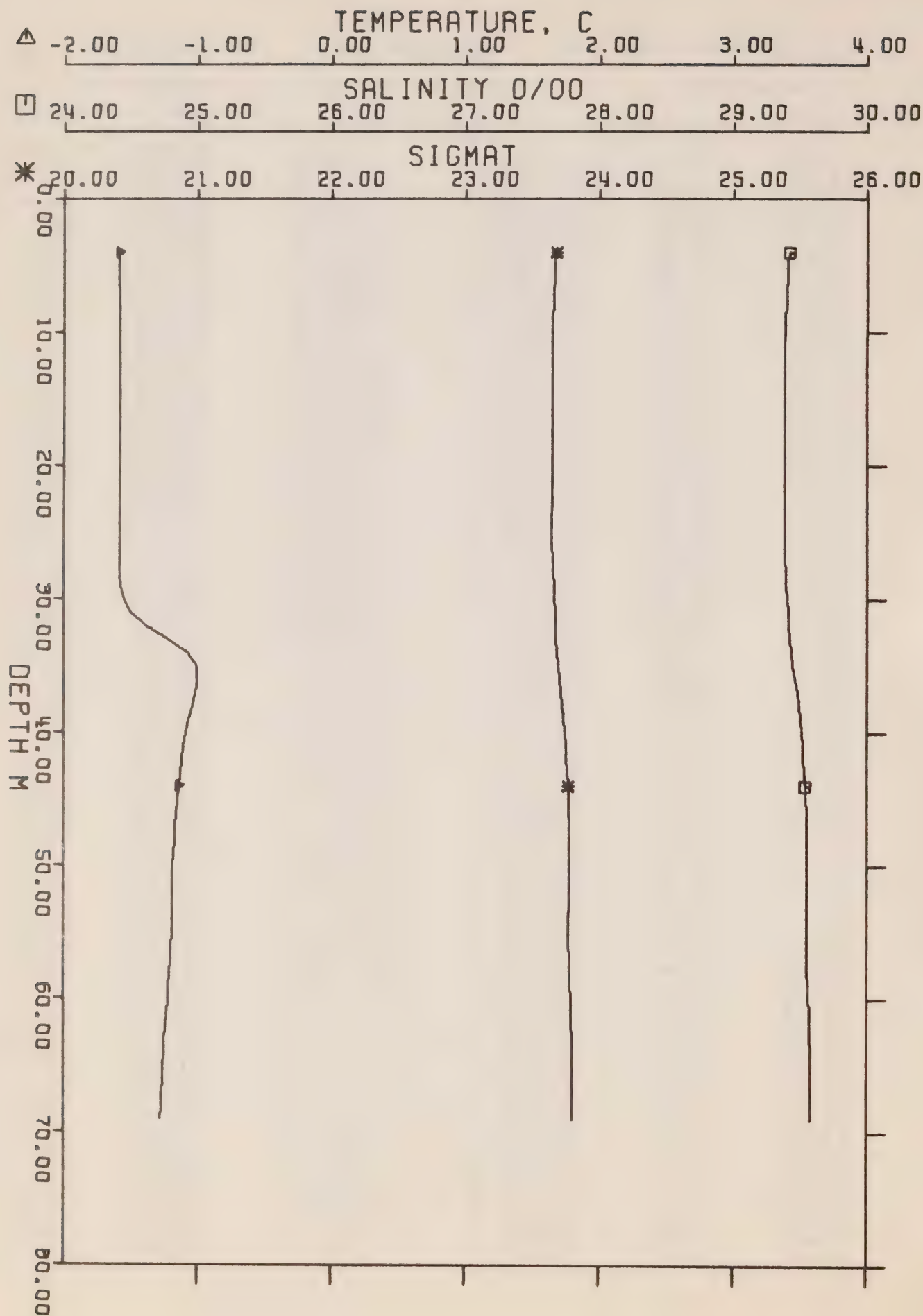
CRUISE 02-72-015		CB4	CAMBRIDGE BAY		EXPER. NO. 639	
LAT. N69 06.5			LONG. W105 04.0		WATER DEPTH 82	
DEPTH INCR. 1.00			DATE 110472		LOCAL TIME 2000	
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND	
4.00	4.10	29.366 D	-1.577 C	23.634	1434.1	
5.00	5.05	29.366 D	-1.577 C	23.634	1434.1	
6.00	6.15	29.366 D	-1.577 C	23.634	1434.2	
7.00	7.05	29.367 D	-1.577 C	23.635	1434.2	
8.00	8.05	29.368 D	-1.578 C	23.635	1434.2	
9.00	9.10	29.370 D	-1.578 C	23.637	1434.2	
10.00	10.15	29.371 D	-1.579 C	23.638	1434.2	
11.00	11.25	29.372 D	-1.580 C	23.639	1434.2	
12.00	12.30	29.371 D	-1.581 C	23.638	1434.2	
13.00	13.25	29.371 D	-1.581 C	23.638	1434.3	
14.00	14.10	29.370 D	-1.581 C	23.637	1434.3	
15.00	15.40	29.370 D	-1.579 C	23.637	1434.3	
16.00	16.20	29.370 D	-1.580 C	23.637	1434.3	
17.00	17.20	29.369 D	-1.579 C	23.636	1434.3	
18.00	18.20	29.368 D	-1.578 C	23.635	1434.4	
19.00	19.20	29.367 D	-1.578 C	23.635	1434.4	
20.00	20.20	29.367 D	-1.578 C	23.635	1434.4	
21.00	21.20	29.368 D	-1.579 C	23.635	1434.4	
22.00	22.25	29.368 D	-1.579 C	23.635	1434.4	
23.00	23.20	29.370 D	-1.579 C	23.637	1434.4	
24.00	24.35	29.372 D	-1.581 C	23.639	1434.4	
25.00	25.20	29.374 D	-1.582 C	23.640	1434.5	
26.00	26.40	29.375 D	-1.583 C	23.641	1434.5	
27.00	27.45	29.375 D	-1.582 C	23.641	1434.5	
28.00	28.40	29.378 D	-1.582 C	23.644	1434.5	
29.00	29.45	29.382 D	-1.582 C	23.647	1434.5	
30.00	30.45	29.393 E	-1.555 F	23.655	1434.7	
31.00	31.00	29.406 E	-1.521 F	23.665	1434.9	
32.00	32.30	29.418 E	-1.415 F	23.674	1435.4	
33.00	33.10	29.421 E	-1.240 F	23.673	1436.3	
34.00	34.35	29.422 E	-1.076 F	23.671	1437.1	
35.00	35.25	29.433 E	-0.993 F	23.679	1437.5	
36.00	36.40	29.452 E	-1.016 E	23.694	1437.4	
37.00	37.35	29.475 D	-1.042 C	23.713	1437.4	
38.00	38.30	29.493 D	-1.070 C	23.729	1437.3	
39.00	39.35	29.507 D	-1.091 C	23.740	1437.2	
40.00	40.20	29.516 D	-1.108 C	23.748	1437.2	
41.00	41.40	29.522 D	-1.119 C	23.753	1437.1	
42.00	42.55	29.524 D	-1.127 C	23.755	1437.1	
43.00	43.50	29.526 D	-1.135 C	23.756	1437.1	
44.00	44.55	29.529 D	-1.144 C	23.759	1437.1	
45.00	45.65	29.534 D	-1.153 C	23.763	1437.1	
46.00	46.60	29.539 D	-1.163 C	23.767	1437.0	
47.00	47.55	29.541 D	-1.171 C	23.769	1437.0	
48.00	48.65	29.540 D	-1.176 C	23.769	1437.0	
49.00	49.45	29.538 D	-1.178 C	23.767	1437.0	
50.00	50.45	29.537 D	-1.180 C	23.766	1437.0	
51.00	51.45	29.537 D	-1.183 C	23.766	1437.0	
52.00	52.55	29.533 D	-1.185 C	23.767	1437.0	
53.00	53.45	29.539 D	-1.187 C	23.768	1437.0	
54.00	54.50	29.541 D	-1.190 C	23.770	1437.0	
55.00	55.45	29.544 D	-1.193 C	23.772	1437.0	
56.00	56.50	29.550 D	-1.202 C	23.777	1437.0	
57.00	56.90	29.557 D	-1.213 C	23.783	1437.0	
58.00	58.25	29.562 D	-1.223 C	23.787	1437.0	
59.00	59.30	29.563 D	-1.227 C	23.788	1437.0	
60.00	60.00	29.562 D	-1.228 C	23.787	1437.0	
61.00	61.50	29.562 D	-1.232 C	23.787	1437.0	
62.00	62.60	29.562 D	-1.236 C	23.787	1437.0	
63.00	63.75	29.562 D	-1.243 C	23.788	1437.0	
64.00	64.95	29.562 D	-1.246 C	23.788	1437.0	
65.00	65.60	29.560 D	-1.249 C	23.786	1437.0	
66.00	66.65	29.559 D	-1.252 C	23.785	1437.0	
67.00	67.70	29.560 D	-1.257 C	23.786	1437.0	
68.00	68.65	29.562 D	-1.262 C	23.788	1437.0	
69.00	69.60	29.564 D	-1.264 C	23.789	1437.0	

EXPERIMENT 640



CRUISE 02-72-015		CB4		CAMBRIDGE BAY		EXPER. NO. 640	
LAT. N69 06.5		LONG. W105 04.0		WATER DEPTH 82			
DEPTH INCR. 1.00		DATE 110472		LOCAL TIME 2100			
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND		
4.00	4.00	29.365 D	-1.578 C	23.633	1434.1		
5.00	5.05	29.365 D	-1.578 C	23.633	1434.1		
6.00	6.15	29.366 D	-1.578 C	23.634	1434.2		
7.00	7.25	29.368 D	-1.579 C	23.635	1434.2		
8.00	8.05	29.373 D	-1.583 C	23.640	1434.2		
9.00	9.20	29.377 D	-1.586 C	23.643	1434.2		
10.00	9.60	29.380 D	-1.587 C	23.645	1434.2		
11.00	10.90	29.379 D	-1.585 C	23.644	1434.2		
12.00	12.05	29.377 D	-1.584 C	23.643	1434.2		
13.00	13.30	29.375 D	-1.582 C	23.641	1434.3		
14.00	14.35	29.373 D	-1.581 C	23.640	1434.3		
15.00	15.35	29.371 D	-1.578 C	23.638	1434.3		
16.00	16.15	29.368 D	-1.578 C	23.635	1434.3		
17.00	17.20	29.367 D	-1.578 C	23.635	1434.3		
18.00	18.15	29.367 D	-1.578 C	23.635	1434.4		
19.00	19.30	29.368 D	-1.578 C	23.635	1434.4		
20.00	20.25	29.369 D	-1.578 C	23.636	1434.4		
21.00	21.35	29.371 D	-1.579 C	23.638	1434.4		
22.00	22.40	29.372 D	-1.580 C	23.639	1434.4		
23.00	23.40	29.372 D	-1.581 C	23.639	1434.4		
24.00	24.30	29.372 D	-1.581 C	23.639	1434.4		
25.00	25.40	29.373 D	-1.580 C	23.640	1434.5		
26.00	26.35	29.374 D	-1.582 C	23.640	1434.5		
27.00	27.15	29.378 D	-1.584 C	23.644	1434.5		
28.00	27.40	29.379 E	-1.587 E	23.644	1434.5		
29.00	28.35	29.382 E	-1.574 E	23.647	1434.6		
30.00	30.30	29.394 E	-1.542 E	23.648	1434.7		
31.00	31.35	29.391 E	-1.458 E	23.653	1435.2		
32.00	32.30	29.397 E	-1.317 E	23.655	1435.9		
33.00	33.35	29.408 E	-1.145 E	23.661	1436.7		
34.00	34.40	29.419 E	-1.028 E	23.668	1437.3		
35.00	35.55	29.439 E	-0.992 E	23.683	1437.5		
36.00	36.55	29.458 E	-1.013 E	23.699	1437.5		
37.00	37.35	29.477 D	-1.040 C	23.715	1437.4		
38.00	38.40	29.491 D	-1.065 C	23.727	1437.3		
39.00	39.40	29.501 D	-1.090 C	23.735	1437.2		
40.00	40.45	29.509 D	-1.106 C	23.742	1437.2		
41.00	41.40	29.513 D	-1.117 C	23.746	1437.1		
42.00	42.45	29.517 D	-1.126 C	23.749	1437.1		
43.00	43.50	29.520 D	-1.134 C	23.752	1437.1		
44.00	44.45	29.524 D	-1.146 C	23.755	1437.1		
45.00	45.40	29.527 D	-1.155 C	23.758	1437.0		
46.00	46.40	29.530 D	-1.164 C	23.760	1437.0		
47.00	47.50	29.532 D	-1.170 C	23.762	1437.0		
48.00	48.45	29.533 D	-1.176 C	23.763	1437.0		
49.00	49.45	29.534 D	-1.179 C	23.764	1437.0		
50.00	50.55	29.536 D	-1.182 C	23.765	1437.0		
51.00	51.50	29.537 D	-1.184 C	23.766	1437.0		
52.00	52.45	29.538 D	-1.186 C	23.767	1437.0		
53.00	53.55	29.540 D	-1.188 C	23.769	1437.0		
54.00	54.55	29.543 D	-1.191 C	23.771	1437.0		
55.00	55.65	29.546 D	-1.199 C	23.774	1437.0		
56.00	56.60	29.550 D	-1.205 C	23.777	1437.0		
57.00	57.55	29.552 D	-1.211 C	23.779	1437.0		
58.00	58.75	29.553 D	-1.215 C	23.780	1437.0		
59.00	59.60	29.554 D	-1.221 C	23.781	1437.0		
60.00	60.75	29.554 D	-1.226 C	23.781	1437.0		
61.00	61.65	29.554 D	-1.230 C	23.781	1437.0		
62.00	62.55	29.555 D	-1.236 C	23.782	1437.0		
63.00	63.60	29.555 D	-1.242 C	23.782	1437.0		
64.00	64.60	29.557 D	-1.246 C	23.784	1437.0		
65.00	65.65	29.558 D	-1.251 C	23.784	1436.9		
66.00	66.70	29.560 D	-1.255 C	23.786	1436.9		
67.00	67.65	29.563 D	-1.261 C	23.789	1436.9		
68.00	68.80	29.567 D	-1.265 C	23.792	1436.9		
69.00	69.80	29.570 D	-1.271 C	23.794	1436.9		

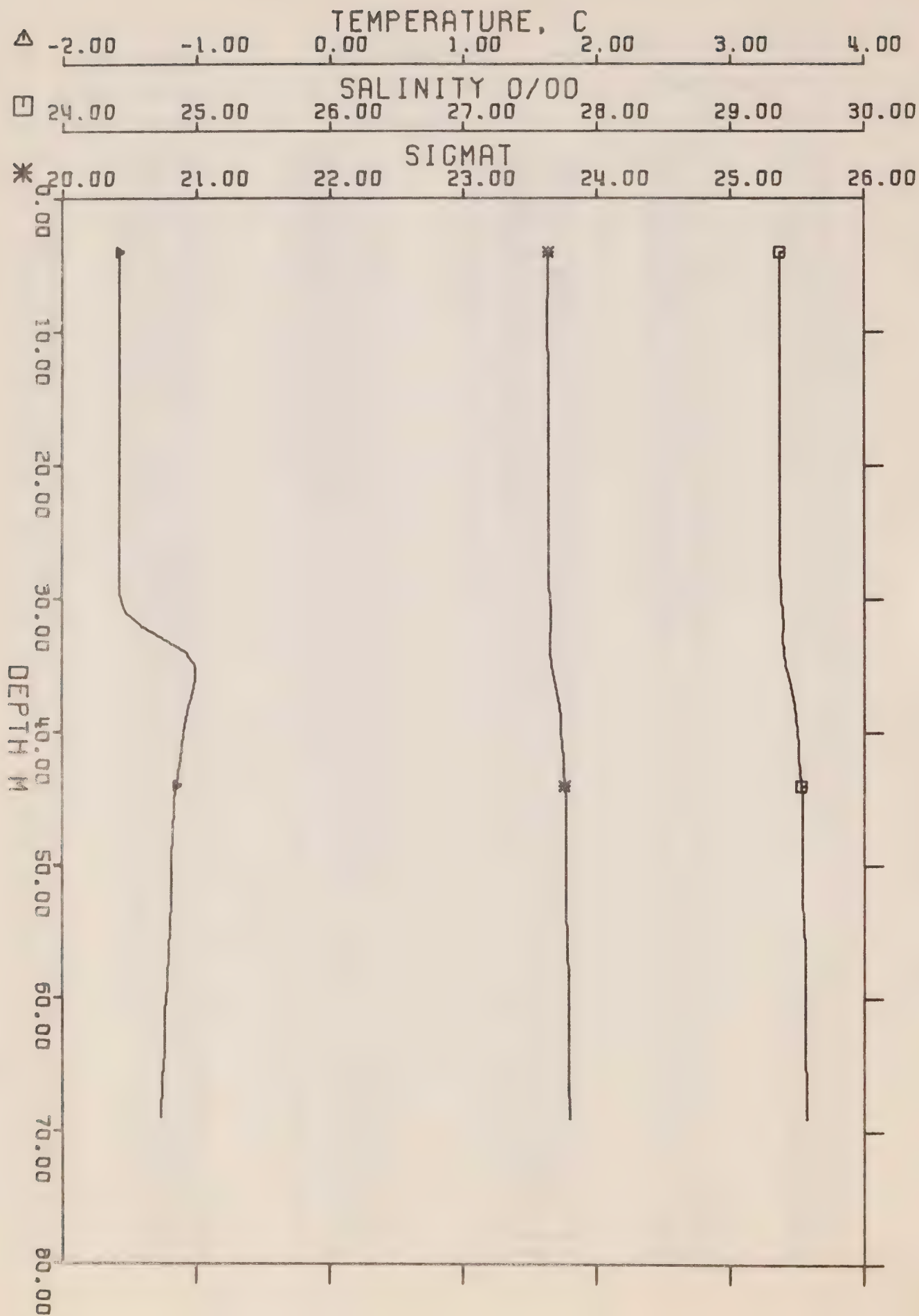
EXPERIMENT 642



CRUISE 02-72-015 C34 CAMBRIDGE BAY EXPER. NO. 642
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 110472 LOCAL TIME 2300

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.419 D	-1.587 C	23.676	1434.1
5.00	5.00	29.412 D	-1.588 C	23.671	1434.2
6.00	6.00	29.407 D	-1.586 C	23.667	1434.2
7.00	7.00	29.401 D	-1.585 C	23.662	1434.2
8.00	8.00	29.396 D	-1.581 C	23.658	1434.2
9.00	9.00	29.390 D	-1.579 C	23.653	1434.2
10.00	10.00	29.387 D	-1.578 C	23.651	1434.2
11.00	11.00	29.385 D	-1.578 C	23.649	1434.3
12.00	12.00	29.385 D	-1.579 C	23.649	1434.3
13.00	13.00	29.384 D	-1.579 C	23.648	1434.3
14.00	14.00	29.383 D	-1.579 C	23.648	1434.3
15.00	15.00	29.383 D	-1.579 C	23.648	1434.3
16.00	16.00	29.384 D	-1.580 C	23.648	1434.3
17.00	17.00	29.384 D	-1.580 C	23.648	1434.3
18.00	18.00	29.384 D	-1.581 C	23.648	1434.4
19.00	19.00	29.385 D	-1.580 C	23.649	1434.4
20.00	20.00	29.385 D	-1.582 C	23.649	1434.4
21.00	21.00	29.384 D	-1.582 C	23.648	1434.4
22.00	22.00	29.382 D	-1.581 C	23.647	1434.4
23.00	23.00	29.380 D	-1.579 C	23.645	1434.4
24.00	24.00	29.379 D	-1.579 C	23.644	1434.5
25.00	25.00	29.378 D	-1.579 C	23.644	1434.5
26.00	26.00	29.379 D	-1.579 C	23.644	1434.5
27.00	27.00	29.383 D	-1.582 C	23.648	1434.5
28.00	28.00	29.389 D	-1.585 C	23.653	1434.5
29.00	29.00	29.395 E	-1.573 F	23.657	1434.6
30.00	30.00	29.401 E	-1.544 F	23.662	1434.8
31.00	31.00	29.409 E	-1.490 F	23.668	1435.0
32.00	32.00	29.413 E	-1.385 F	23.669	1435.6
33.00	33.00	29.419 E	-1.216 F	23.671	1436.4
34.00	34.00	29.428 E	-1.069 F	23.676	1437.1
35.00	35.00	29.445 E	-0.996 E	23.688	1437.5
36.00	36.00	29.463 E	-1.004 F	23.703	1437.5
37.00	37.00	29.477 D	-1.020 C	23.715	1437.5
38.00	38.00	29.488 D	-1.042 C	23.724	1437.4
39.00	39.00	29.499 D	-1.068 C	23.733	1437.3
40.00	40.00	29.510 D	-1.093 C	23.743	1437.2
41.00	41.00	29.518 D	-1.106 C	23.749	1437.2
42.00	42.00	29.524 D	-1.118 C	23.755	1437.1
43.00	43.00	29.531 D	-1.130 C	23.760	1437.1
44.00	44.00	29.538 D	-1.142 C	23.766	1437.1
45.00	45.00	29.543 D	-1.152 C	23.771	1437.1
46.00	46.00	29.547 D	-1.159 C	23.774	1437.0
47.00	47.00	29.549 D	-1.168 C	23.776	1437.0
48.00	48.00	29.552 D	-1.175 C	23.778	1437.0
49.00	49.00	29.553 D	-1.183 C	23.779	1437.0
50.00	50.00	29.552 D	-1.187 C	23.778	1437.0
51.00	51.00	29.552 D	-1.189 C	23.778	1437.0
52.00	52.00	29.551 D	-1.192 C	23.778	1437.0
53.00	53.00	29.550 D	-1.192 C	23.777	1437.0
54.00	54.00	29.547 D	-1.193 C	23.775	1437.0
55.00	55.00	29.547 D	-1.195 C	23.775	1437.0
56.00	56.00	29.547 D	-1.199 C	23.775	1437.0
57.00	57.00	29.549 D	-1.204 C	23.776	1437.0
58.00	58.00	29.553 D	-1.209 C	23.780	1437.0
59.00	59.00	29.557 D	-1.216 C	23.783	1437.0
60.00	60.00	29.563 D	-1.224 C	23.788	1437.0
61.00	61.00	29.567 D	-1.233 C	23.791	1437.0
62.00	62.00	29.571 D	-1.239 C	23.795	1437.0
63.00	63.00	29.574 D	-1.246 C	23.797	1437.0
64.00	64.00	29.578 D	-1.253 C	23.801	1436.9
65.00	65.00	29.580 D	-1.260 C	23.802	1436.9
66.00	66.00	29.580 D	-1.265 C	23.802	1436.9
67.00	67.00	29.580 D	-1.267 C	23.802	1436.9
68.00	68.00	29.581 D	-1.271 C	23.803	1436.9
69.00	69.00	29.580 D	-1.277 C	23.803	1436.9

EXPERIMENT 644



CRUISE 02-72-015

CB4

CAMBRIDGE BAY

EXPER. NO. 644

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

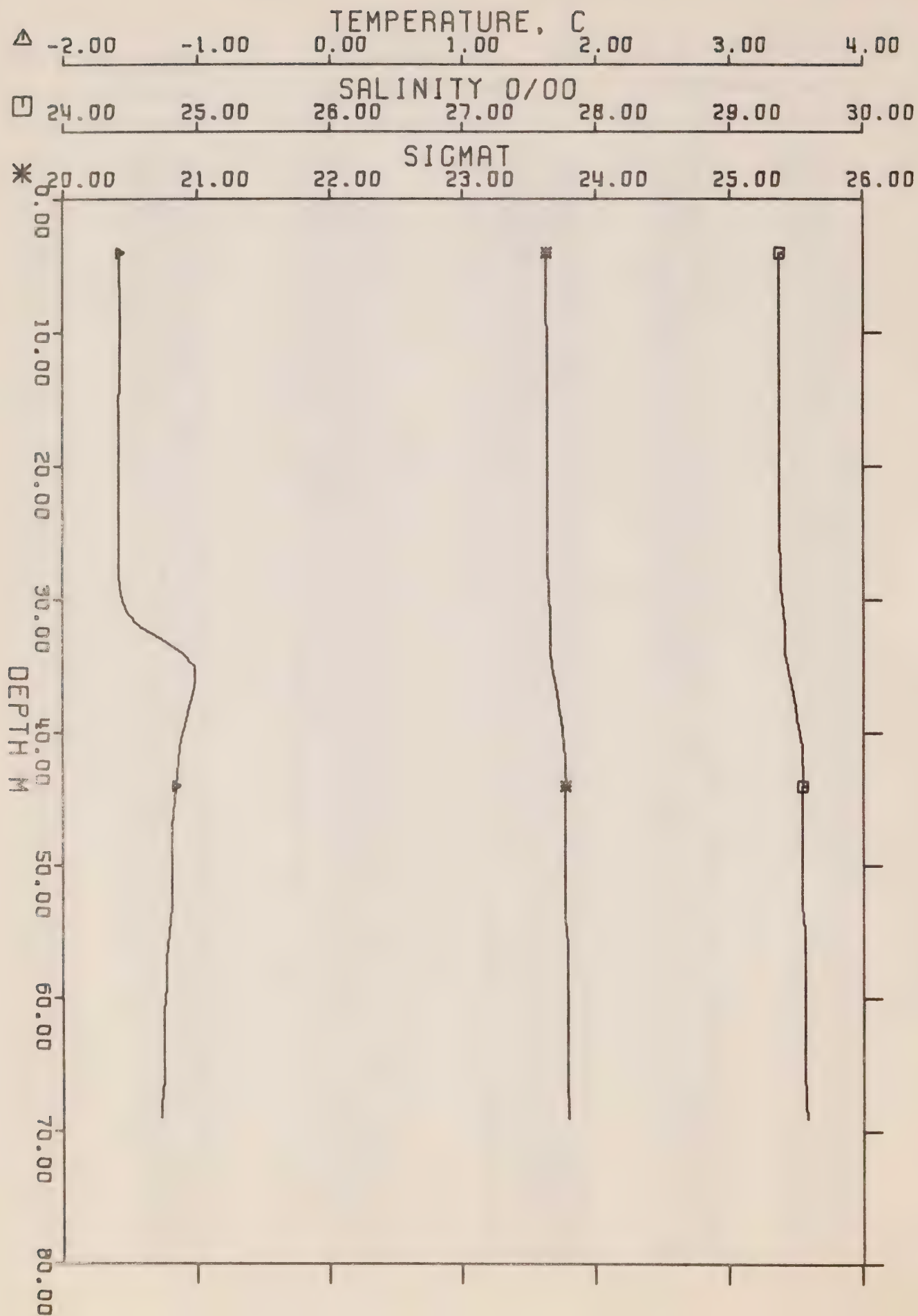
DEPTH INCR. 1.00

DATE 100472

LOCAL TIME 0100

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.372 D	-1.579 C	23.639	1434.1
5.00	5.00	29.370 D	-1.579 C	23.637	1434.1
6.00	6.00	29.369 D	-1.578 C	23.636	1434.2
7.00	7.00	29.368 D	-1.578 C	23.635	1434.2
8.00	8.00	29.367 D	-1.578 C	23.635	1434.2
9.00	9.00	29.367 D	-1.578 C	23.635	1434.2
10.00	10.00	29.367 D	-1.578 C	23.635	1434.2
11.00	11.00	29.367 D	-1.578 C	23.635	1434.2
12.00	12.00	29.368 D	-1.577 C	23.635	1434.3
13.00	13.00	29.368 D	-1.577 C	23.635	1434.3
14.00	14.00	29.368 D	-1.577 C	23.635	1434.3
15.00	15.00	29.368 D	-1.577 C	23.635	1434.3
16.00	16.00	29.368 D	-1.578 C	23.635	1434.3
17.00	17.00	29.368 D	-1.577 C	23.635	1434.3
18.00	18.00	29.368 D	-1.577 C	23.635	1434.4
19.00	19.00	29.368 D	-1.577 C	23.635	1434.4
20.00	20.00	29.368 D	-1.578 C	23.635	1434.4
21.00	21.00	29.369 D	-1.578 C	23.636	1434.4
22.00	22.00	29.369 D	-1.578 C	23.636	1434.4
23.00	23.00	29.370 D	-1.578 C	23.637	1434.4
24.00	24.00	29.370 D	-1.579 C	23.637	1434.4
25.00	25.00	29.370 D	-1.579 C	23.637	1434.5
26.00	26.00	29.370 D	-1.579 C	23.637	1434.5
27.00	27.00	29.370 D	-1.578 C	23.637	1434.5
28.00	28.00	29.372 D	-1.578 C	23.639	1434.5
29.00	29.00	29.375 E	-1.576 C	23.641	1434.5
30.00	30.00	29.385 E	-1.558 E	23.649	1434.7
31.00	31.00	29.393 E	-1.524 E	23.655	1434.9
32.00	32.00	29.397 E	-1.412 E	23.657	1435.4
33.00	33.00	29.394 E	-1.237 E	23.652	1436.3
34.00	34.00	29.397 E	-1.073 E	23.651	1437.1
35.00	35.00	29.413 E	-0.996 E	23.662	1437.5
36.00	36.00	29.437 E	-1.007 E	23.682	1437.5
37.00	37.00	29.460 D	-1.034 C	23.701	1437.4
38.00	38.00	29.477 D	-1.060 C	23.715	1437.3
39.00	39.00	29.489 D	-1.082 C	23.726	1437.2
40.00	40.00	29.498 D	-1.097 C	23.733	1437.2
41.00	41.00	29.506 D	-1.108 C	23.740	1437.2
42.00	42.00	29.514 D	-1.121 C	23.747	1437.1
43.00	43.00	29.524 D	-1.136 C	23.755	1437.1
44.00	44.00	29.533 D	-1.153 C	23.762	1437.0
45.00	45.00	29.539 D	-1.166 C	23.768	1437.0
46.00	46.00	29.541 D	-1.175 C	23.769	1437.0
47.00	47.00	29.542 D	-1.180 C	23.770	1437.0
48.00	48.00	29.541 D	-1.184 C	23.769	1437.0
49.00	49.00	29.540 D	-1.186 C	23.769	1437.0
50.00	50.00	29.539 D	-1.186 C	23.768	1437.0
51.00	51.00	29.538 D	-1.187 C	23.767	1437.0
52.00	52.00	29.538 D	-1.188 C	23.767	1437.0
53.00	53.00	29.541 D	-1.192 C	23.770	1437.0
54.00	54.00	29.546 D	-1.199 C	23.774	1437.0
55.00	55.00	29.552 D	-1.205 C	23.779	1437.0
56.00	56.00	29.556 D	-1.212 C	23.782	1437.0
57.00	57.00	29.559 D	-1.214 C	23.785	1437.0
58.00	58.00	29.561 D	-1.220 C	23.786	1437.0
59.00	59.00	29.563 D	-1.225 C	23.788	1437.0
60.00	60.00	29.564 D	-1.232 C	23.789	1437.0
61.00	61.00	29.564 D	-1.238 C	23.789	1436.9
62.00	62.00	29.563 D	-1.240 C	23.788	1436.9
63.00	63.00	29.561 D	-1.243 C	23.787	1436.9
64.00	64.00	29.560 D	-1.244 C	23.786	1437.0
65.00	65.00	29.561 D	-1.248 C	23.787	1437.0
66.00	66.00	29.566 D	-1.257 C	23.791	1436.9
67.00	67.00	29.570 D	-1.264 C	23.794	1436.9
68.00	68.00	29.573 D	-1.270 C	23.797	1436.9
69.00	69.00	29.574 D	-1.271 C	23.798	1436.9

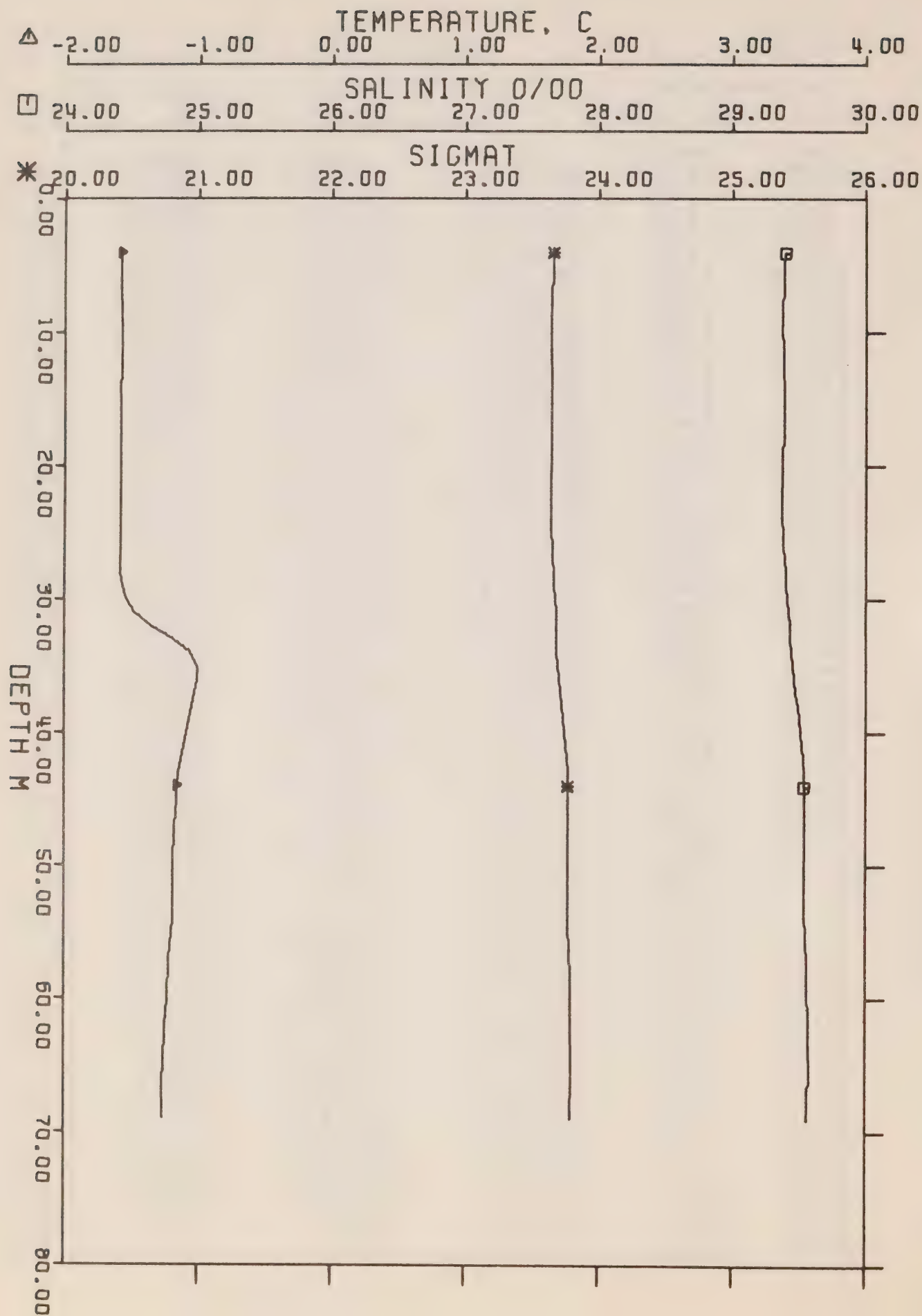
EXPERIMENT 646



CRUISE 02-72-015 CB4 CAMBRIDGE BAY EXPER. NO. 646
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 120472 LOCAL TIME 0300

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.377 D	-1.578 C	23.643	1434.1
5.00	5.00	29.374 D	-1.577 C	23.640	1434.2
6.00	6.00	29.371 D	-1.576 C	23.638	1434.2
7.00	7.00	29.369 D	-1.574 C	23.636	1434.2
8.00	8.00	29.367 D	-1.573 C	23.635	1434.2
9.00	9.00	29.367 D	-1.573 C	23.635	1434.2
10.00	10.00	29.368 D	-1.574 C	23.635	1434.2
11.00	11.00	29.371 D	-1.578 C	23.638	1434.2
12.00	12.00	29.374 D	-1.580 C	23.640	1434.2
13.00	13.00	29.376 D	-1.584 C	23.642	1434.3
14.00	14.00	29.378 D	-1.583 C	23.644	1434.3
15.00	15.00	29.379 D	-1.586 C	23.644	1434.3
16.00	16.00	29.380 D	-1.585 C	23.645	1434.3
17.00	17.00	29.379 D	-1.584 C	23.644	1434.3
18.00	18.00	29.378 D	-1.583 C	23.644	1434.3
19.00	19.00	29.375 D	-1.581 C	23.641	1434.4
20.00	20.00	29.372 D	-1.580 C	23.639	1434.4
21.00	21.00	29.370 D	-1.578 C	23.637	1434.4
22.00	22.00	29.368 D	-1.578 C	23.635	1434.4
23.00	23.00	29.369 D	-1.578 C	23.636	1434.4
24.00	24.00	29.370 D	-1.580 C	23.637	1434.4
25.00	25.00	29.372 D	-1.581 C	23.639	1434.5
26.00	26.00	29.373 D	-1.582 C	23.640	1434.5
27.00	27.00	29.375 D	-1.581 C	23.641	1434.5
28.00	28.00	29.376 D	-1.581 C	23.642	1434.5
29.00	29.00	29.380 E	-1.568 E	23.645	1434.6
30.00	30.00	29.389 E	-1.547 E	23.652	1434.7
31.00	31.00	29.401 E	-1.506 F	23.661	1435.0
32.00	32.00	29.407 E	-1.416 E	23.665	1435.4
33.00	33.00	29.409 E	-1.255 E	23.664	1436.2
34.00	34.00	29.411 E	-1.097 F	23.663	1437.0
35.00	35.00	29.426 E	-1.009 F	23.673	1437.4
36.00	36.00	29.443 E	-1.009 E	23.691	1437.5
37.00	37.00	29.470 D	-1.034 C	23.709	1437.4
38.00	38.00	29.488 D	-1.056 C	23.724	1437.3
39.00	39.00	29.505 D	-1.082 C	23.738	1437.2
40.00	40.00	29.523 D	-1.106 C	23.753	1437.2
41.00	41.00	29.536 D	-1.130 C	23.764	1437.1
42.00	42.00	29.545 D	-1.142 C	23.772	1437.1
43.00	43.00	29.547 D	-1.154 C	23.774	1437.0
44.00	44.00	29.550 D	-1.161 C	23.776	1437.0
45.00	45.00	29.550 D	-1.173 C	23.777	1437.0
46.00	46.00	29.552 D	-1.179 C	23.778	1437.0
47.00	47.00	29.553 D	-1.187 C	23.779	1436.9
48.00	48.00	29.552 D	-1.191 C	23.779	1436.9
49.00	49.00	29.547 D	-1.190 C	23.774	1437.0
50.00	50.00	29.542 D	-1.188 C	23.770	1437.0
51.00	51.00	29.539 D	-1.186 C	23.768	1437.0
52.00	52.00	29.538 D	-1.189 C	23.767	1437.0
53.00	53.00	29.541 D	-1.193 C	23.770	1437.0
54.00	54.00	29.547 D	-1.199 C	23.775	1437.0
55.00	55.00	29.556 D	-1.208 C	23.782	1437.0
56.00	56.00	29.565 D	-1.218 C	23.790	1437.0
57.00	57.00	29.570 D	-1.227 C	23.794	1436.9
58.00	58.00	29.571 D	-1.230 C	23.795	1436.9
59.00	59.00	29.571 D	-1.235 C	23.795	1436.9
60.00	60.00	29.572 D	-1.240 C	23.796	1436.9
61.00	61.00	29.572 D	-1.248 C	23.796	1436.9
62.00	62.00	29.569 D	-1.249 C	23.793	1436.9
63.00	63.00	29.563 D	-1.247 C	23.788	1436.9
64.00	64.00	29.560 D	-1.246 C	23.786	1436.9
65.00	65.00	29.560 D	-1.250 C	23.786	1436.9
66.00	66.00	29.562 D	-1.254 C	23.783	1436.9
67.00	67.00	29.567 D	-1.261 C	23.792	1436.9
68.00	68.00	29.573 D	-1.268 C	23.797	1436.9
69.00	69.00	29.578 D	-1.275 C	23.801	1436.9

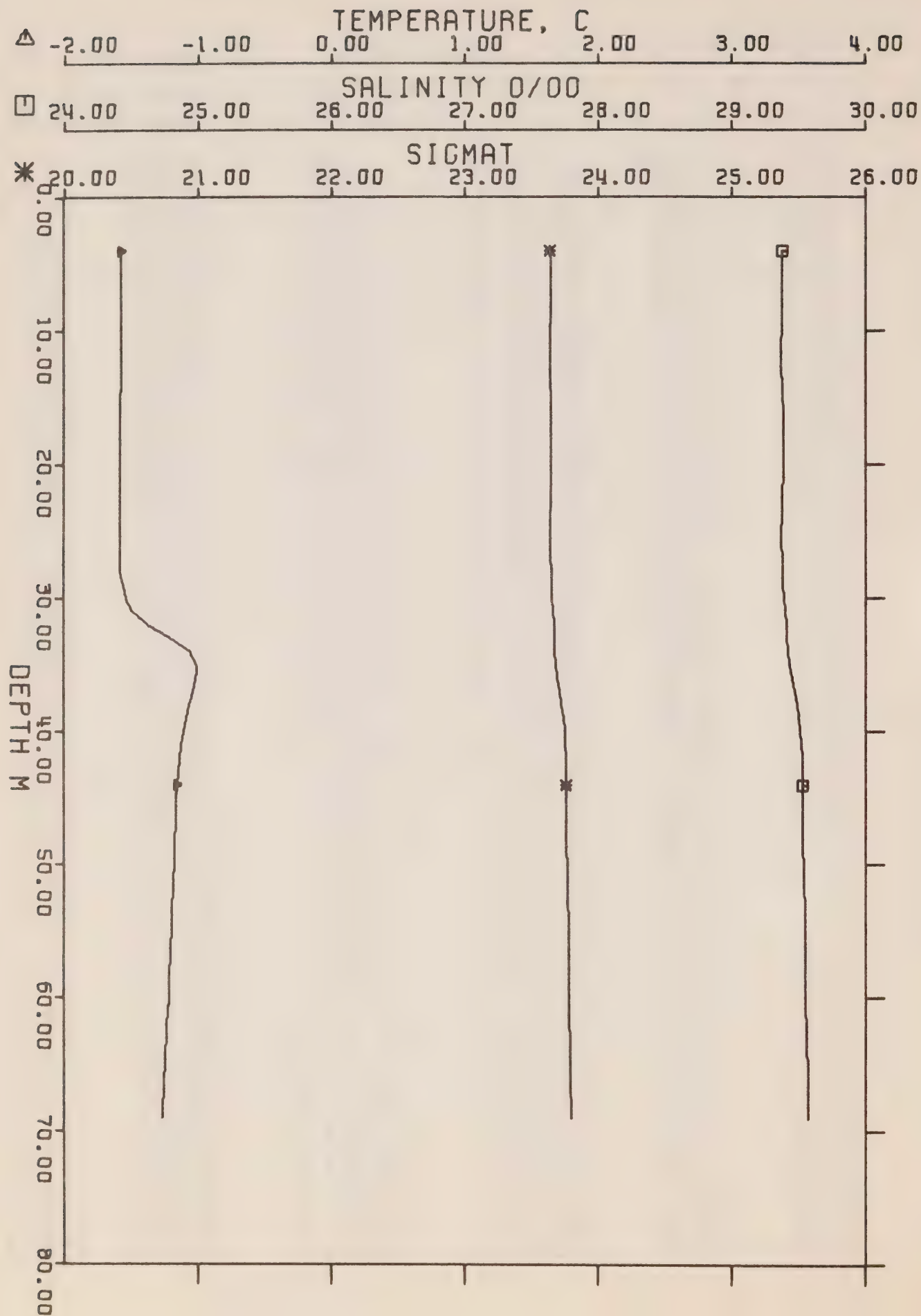
EXPERIMENT 647



CRUISE 02-72-015 CB4 CAMBRIDGE BAY EXPER. NO. 647
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 120472 LOCAL TIME 0400

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.396 D	-1.581 C	23.658	1434.1
5.00	5.00	29.395 D	-1.585 C	23.657	1434.1
6.00	6.00	29.393 D	-1.584 C	23.656	1434.2
7.00	7.00	29.387 D	-1.580 C	23.651	1434.2
8.00	8.00	29.380 D	-1.573 C	23.645	1434.2
9.00	9.00	29.375 D	-1.569 C	23.641	1434.3
10.00	10.00	29.373 D	-1.572 C	23.639	1434.3
11.00	11.00	29.375 D	-1.574 C	23.641	1434.3
12.00	12.00	29.379 D	-1.578 C	23.644	1434.3
13.00	13.00	29.384 D	-1.583 C	23.648	1434.3
14.00	14.00	29.387 D	-1.586 C	23.651	1434.3
15.00	15.00	29.387 D	-1.585 C	23.651	1434.3
16.00	16.00	29.386 D	-1.584 C	23.650	1434.3
17.00	17.00	29.387 D	-1.583 C	23.651	1434.3
18.00	18.00	29.386 D	-1.584 C	23.650	1434.3
19.00	19.00	29.384 D	-1.583 C	23.648	1434.4
20.00	20.00	29.380 D	-1.581 C	23.645	1434.4
21.00	21.00	29.375 D	-1.578 C	23.641	1434.4
22.00	22.00	29.372 D	-1.577 C	23.639	1434.4
23.00	23.00	29.371 D	-1.577 C	23.638	1434.4
24.00	24.00	29.373 D	-1.578 C	23.639	1434.5
25.00	25.00	29.376 D	-1.580 C	23.642	1434.5
26.00	26.00	29.382 D	-1.583 C	23.647	1434.5
27.00	27.00	29.390 D	-1.588 C	23.653	1434.5
28.00	28.00	29.396 D	-1.585 C	23.658	1434.5
29.00	29.00	29.403 E	-1.563 E	23.664	1434.6
30.00	30.00	29.413 E	-1.528 E	23.671	1434.8
31.00	31.00	29.423 E	-1.469 E	23.679	1435.2
32.00	32.00	29.430 E	-1.350 E	23.683	1435.8
33.00	33.00	29.432 E	-1.185 E	23.681	1436.6
34.00	34.00	29.436 E	-1.049 E	23.682	1437.2
35.00	35.00	29.446 E	-0.998 E	23.689	1437.5
36.00	36.00	29.460 D	-1.012 C	23.701	1437.5
37.00	37.00	29.475 D	-1.032 C	23.713	1437.4
38.00	38.00	29.487 D	-1.052 C	23.723	1437.3
39.00	39.00	29.498 D	-1.070 C	23.733	1437.3
40.00	40.00	29.510 D	-1.091 C	23.743	1437.2
41.00	41.00	29.524 D	-1.114 C	23.754	1437.1
42.00	42.00	29.534 D	-1.134 C	23.763	1437.1
43.00	43.00	29.540 D	-1.147 C	23.768	1437.0
44.00	44.00	29.542 D	-1.157 C	23.770	1437.0
45.00	45.00	29.544 D	-1.165 C	23.772	1437.0
46.00	46.00	29.545 D	-1.174 C	23.773	1437.0
47.00	47.00	29.546 D	-1.179 C	23.773	1437.0
48.00	48.00	29.547 D	-1.182 C	23.774	1437.0
49.00	49.00	29.546 D	-1.186 C	23.774	1437.0
50.00	50.00	29.545 D	-1.186 C	23.773	1437.0
51.00	51.00	29.542 D	-1.187 C	23.770	1437.0
52.00	52.00	29.541 D	-1.187 C	23.770	1437.0
53.00	53.00	29.541 D	-1.190 C	23.770	1437.0
54.00	54.00	29.543 D	-1.195 C	23.771	1437.0
55.00	55.00	29.547 D	-1.200 C	23.775	1437.0
56.00	56.00	29.552 D	-1.210 C	23.779	1437.0
57.00	57.00	29.558 D	-1.217 C	23.784	1437.0
58.00	58.00	29.561 D	-1.225 C	23.786	1437.0
59.00	59.00	29.563 D	-1.230 C	23.788	1436.9
60.00	60.00	29.565 D	-1.235 C	23.790	1436.9
61.00	61.00	29.567 D	-1.241 C	23.792	1436.9
62.00	62.00	29.569 D	-1.247 C	23.793	1436.9
63.00	63.00	29.571 D	-1.253 C	23.795	1436.9
64.00	64.00	29.573 D	-1.257 C	23.797	1436.9
65.00	65.00	29.576 D	-1.261 C	23.799	1436.9
66.00	66.00	29.576 D	-1.266 C	23.799	1436.9
67.00	67.00	29.573 D	-1.266 C	23.797	1436.9
68.00	68.00	29.568 D	-1.265 C	23.793	1436.9
69.00	69.00	29.564 D	-1.262 C	23.789	1437.0

EXPERIMENT 648



CRUISE 02-72-015 CB4

CAMBRIDGE BAY

EXPER. NO. 648

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

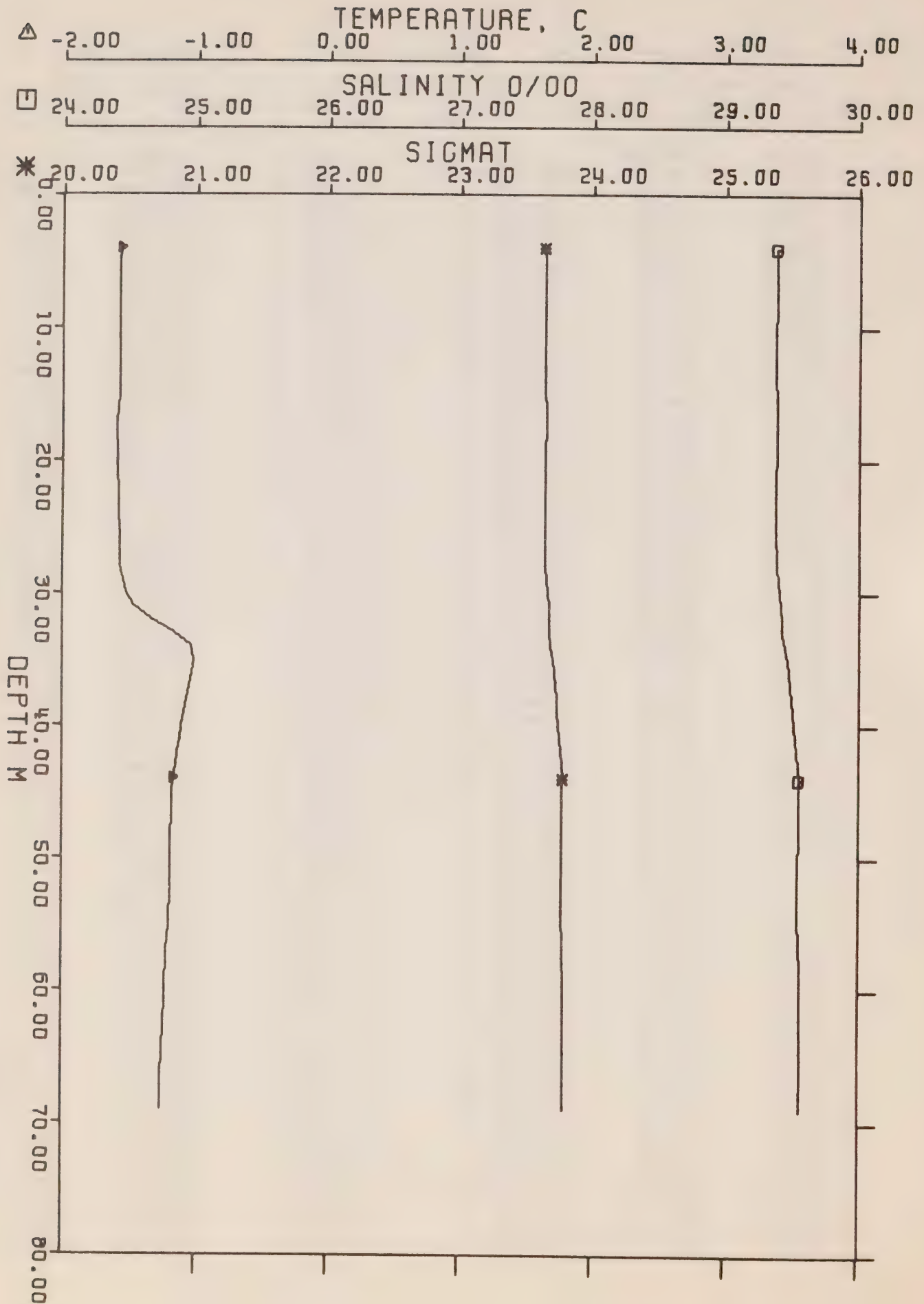
DEPTH INCR. 1.00

DATE 120472

LOCAL TIME 0500

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.378 D	-1.576 C	23.644	1434.1
5.00	5.00	29.380 D	-1.580 C	23.645	1434.1
6.00	6.00	29.382 D	-1.579 C	23.647	1434.2
7.00	7.00	29.383 D	-1.580 C	23.648	1434.2
8.00	8.00	29.383 D	-1.581 C	23.648	1434.2
9.00	9.00	29.380 D	-1.582 C	23.645	1434.2
10.00	10.00	29.376 D	-1.580 C	23.642	1434.2
11.00	11.00	29.371 D	-1.576 C	23.638	1434.2
12.00	12.00	29.368 D	-1.575 C	23.635	1434.3
13.00	13.00	29.371 D	-1.575 C	23.638	1434.3
14.00	14.00	29.376 D	-1.581 C	23.642	1434.3
15.00	15.00	29.383 D	-1.586 C	23.648	1434.3
16.00	16.00	29.388 D	-1.592 C	23.652	1434.3
17.00	17.00	29.391 D	-1.594 C	23.654	1434.3
18.00	18.00	29.391 D	-1.595 C	23.654	1434.3
19.00	19.00	29.390 D	-1.592 C	23.653	1434.3
20.00	20.00	29.387 D	-1.591 C	23.651	1434.3
21.00	21.00	29.386 D	-1.589 C	23.650	1434.4
22.00	22.00	29.383 D	-1.591 C	23.648	1434.4
23.00	23.00	29.380 D	-1.585 C	23.645	1434.4
24.00	24.00	29.375 D	-1.581 C	23.641	1434.4
25.00	25.00	29.371 D	-1.577 C	23.638	1434.5
26.00	26.00	29.372 D	-1.576 C	23.639	1434.5
27.00	27.00	29.376 D	-1.579 C	23.642	1434.5
28.00	28.00	29.380 D	-1.579 C	23.645	1434.5
29.00	29.00	29.385 F	-1.553 F	23.649	1434.7
30.00	30.00	29.391 F	-1.528 F	23.653	1434.8
31.00	31.00	29.403 F	-1.483 F	23.663	1435.1
32.00	32.00	29.410 F	-1.374 F	23.667	1435.6
33.00	33.00	29.413 F	-1.200 F	23.666	1436.5
34.00	34.00	29.419 F	-1.052 F	23.668	1437.2
35.00	35.00	29.432 F	-1.003 F	23.678	1437.4
36.00	36.00	29.452 D	-1.022 C	23.694	1437.4
37.00	37.00	29.470 D	-1.045 C	23.709	1437.3
38.00	38.00	29.488 D	-1.070 C	23.725	1437.3
39.00	39.00	29.503 D	-1.095 C	23.737	1437.2
40.00	40.00	29.514 D	-1.114 C	23.746	1437.1
41.00	41.00	29.521 D	-1.128 C	23.752	1437.1
42.00	42.00	29.526 D	-1.140 C	23.757	1437.0
43.00	43.00	29.531 D	-1.151 C	23.761	1437.0
44.00	44.00	29.534 D	-1.159 C	23.763	1437.0
45.00	45.00	29.534 D	-1.166 C	23.764	1437.0
46.00	46.00	29.534 D	-1.170 C	23.764	1437.0
47.00	47.00	29.532 D	-1.174 C	23.762	1437.0
48.00	48.00	29.533 D	-1.176 C	23.763	1437.0
49.00	49.00	29.534 D	-1.180 C	23.764	1437.0
50.00	50.00	29.536 D	-1.182 C	23.765	1437.0
51.00	51.00	29.540 D	-1.186 C	23.769	1437.0
52.00	52.00	29.544 D	-1.192 C	23.772	1437.0
53.00	53.00	29.547 D	-1.197 C	23.775	1437.0
54.00	54.00	29.549 D	-1.201 C	23.776	1437.0
55.00	55.00	29.551 D	-1.205 C	23.778	1437.0
56.00	56.00	29.553 D	-1.211 C	23.780	1437.0
57.00	57.00	29.554 D	-1.214 C	23.781	1437.0
58.00	58.00	29.554 D	-1.217 C	23.781	1437.0
59.00	59.00	29.554 D	-1.220 C	23.781	1437.0
60.00	60.00	29.553 D	-1.225 C	23.780	1437.0
61.00	61.00	29.554 D	-1.230 C	23.781	1437.0
62.00	62.00	29.556 D	-1.236 C	23.783	1437.0
63.00	63.00	29.560 D	-1.243 C	23.786	1436.9
64.00	64.00	29.564 D	-1.249 C	23.789	1436.9
65.00	65.00	29.568 D	-1.255 C	23.793	1436.9
66.00	66.00	29.569 D	-1.259 C	23.793	1436.9
67.00	67.00	29.570 D	-1.262 C	23.794	1436.9
68.00	68.00	29.571 D	-1.266 C	23.795	1436.9
69.00	69.00	29.571 D	-1.268 C	23.795	1436.9

EXPERIMENT 649



CRUISE 02-72-015 CB4

CAMBRIDGE BAY

EXPER. NO. 649

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

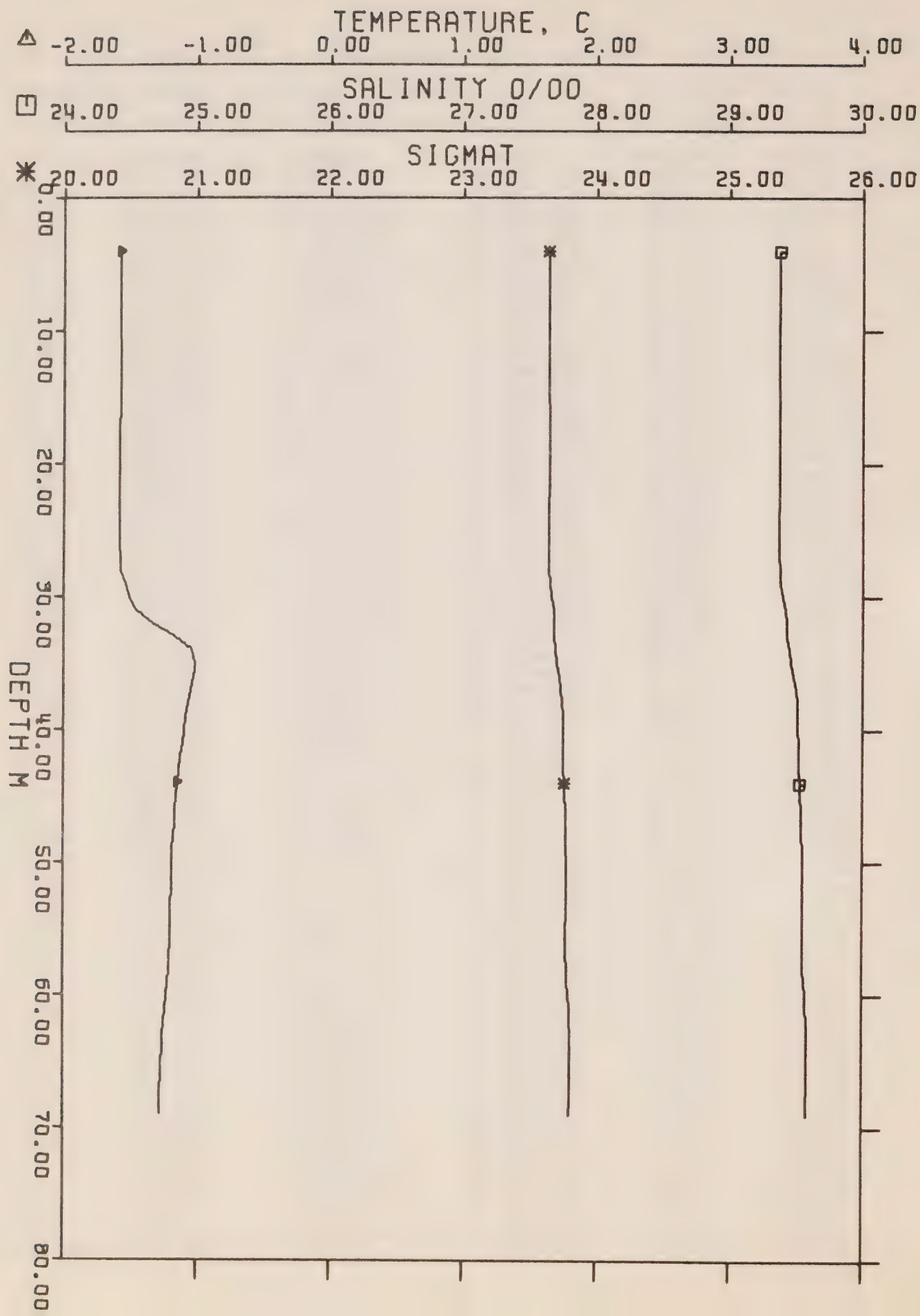
DEPTH INCR. 1.00

DATE 120472

LOCAL TIME 0600

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.377 D	-1.574 C	23.643	1434.2
5.00	5.00	29.380 D	-1.577 C	23.645	1434.2
6.00	6.00	29.383 D	-1.584 C	23.648	1434.1
7.00	7.00	29.386 D	-1.582 C	23.650	1434.2
8.00	8.00	29.385 D	-1.585 C	23.649	1434.2
9.00	9.00	29.386 D	-1.583 C	23.650	1434.2
10.00	10.00	29.383 D	-1.585 C	23.648	1434.2
11.00	11.00	29.380 D	-1.582 C	23.645	1434.2
12.00	12.00	29.374 D	-1.579 C	23.640	1434.3
13.00	13.00	29.371 D	-1.577 C	23.638	1434.3
14.00	14.00	29.372 D	-1.577 C	23.639	1434.3
15.00	15.00	29.378 D	-1.584 C	23.644	1434.3
16.00	16.00	29.386 D	-1.590 C	23.650	1434.3
17.00	17.00	29.391 D	-1.597 C	23.654	1434.3
18.00	18.00	29.393 D	-1.596 C	23.656	1434.3
19.00	19.00	29.391 D	-1.594 C	23.654	1434.3
20.00	20.00	29.388 D	-1.590 C	23.652	1434.4
21.00	21.00	29.334 D	-1.589 C	23.649	1434.4
22.00	22.00	29.380 D	-1.585 C	23.645	1434.4
23.00	23.00	29.374 D	-1.582 C	23.640	1434.4
24.00	24.00	29.371 D	-1.577 C	23.638	1434.5
25.00	25.00	29.369 D	-1.575 C	23.636	1434.5
26.00	26.00	29.371 D	-1.573 C	23.638	1434.5
27.00	27.00	29.375 D	-1.573 C	23.641	1434.5
28.00	28.00	29.379 D	-1.571 C	23.644	1434.6
29.00	29.00	29.387 E	-1.545 E	23.650	1434.7
30.00	30.00	29.397 E	-1.517 E	23.658	1434.9
31.00	31.00	29.409 E	-1.459 E	23.667	1435.2
32.00	32.00	29.418 E	-1.326 E	23.672	1435.8
33.00	33.00	29.424 E	-1.157 E	23.674	1436.7
34.00	34.00	29.439 F	-1.034 E	23.684	1437.3
35.00	35.00	29.457 E	-1.014 E	23.698	1437.4
36.00	36.00	29.474 D	-1.032 C	23.712	1437.4
37.00	37.00	29.483 D	-1.050 C	23.720	1437.3
38.00	38.00	29.492 D	-1.070 C	23.728	1437.3
39.00	39.00	29.500 D	-1.094 C	23.735	1437.2
40.00	40.00	29.509 D	-1.108 C	23.742	1437.1
41.00	41.00	29.519 D	-1.121 C	23.751	1437.1
42.00	42.00	29.530 D	-1.137 C	23.760	1437.1
43.00	43.00	29.541 D	-1.155 C	23.769	1437.0
44.00	44.00	29.549 D	-1.171 C	23.776	1437.0
45.00	45.00	29.551 D	-1.178 C	23.777	1436.9
46.00	46.00	29.551 D	-1.181 C	23.778	1436.9
47.00	47.00	29.552 D	-1.185 C	23.778	1436.9
48.00	48.00	29.555 D	-1.191 C	23.781	1436.9
49.00	49.00	29.556 D	-1.194 C	23.782	1436.9
50.00	50.00	29.553 D	-1.194 C	23.779	1437.0
51.00	51.00	29.548 D	-1.191 C	23.775	1437.0
52.00	52.00	29.543 D	-1.192 C	23.771	1437.0
53.00	53.00	29.542 D	-1.191 C	23.770	1437.0
54.00	54.00	29.542 D	-1.196 C	23.771	1437.0
55.00	55.00	29.545 D	-1.201 C	23.773	1437.0
56.00	56.00	29.550 D	-1.209 C	23.777	1437.0
57.00	57.00	29.554 D	-1.216 C	23.781	1437.0
58.00	58.00	29.558 D	-1.222 C	23.784	1437.0
59.00	59.00	29.560 D	-1.226 C	23.786	1437.0
60.00	60.00	29.560 D	-1.230 C	23.786	1437.0
61.00	61.00	29.561 D	-1.234 C	23.787	1437.0
62.00	62.00	29.562 D	-1.237 C	23.787	1437.0
63.00	63.00	29.563 D	-1.241 C	23.788	1437.0
64.00	64.00	29.566 D	-1.247 C	23.791	1437.0
65.00	65.00	29.568 D	-1.255 C	23.793	1436.9
66.00	66.00	29.568 D	-1.259 C	23.793	1436.9
67.00	67.00	29.566 D	-1.261 C	23.791	1436.9
68.00	63.00	29.564 D	-1.261 C	23.789	1436.9
69.00	69.00	29.563 D	-1.264 C	23.789	1436.9

EXPERIMENT 650



CRUISE 02-72-015 CB4 CAMBRIDGE BAY

EXPER. NO. 650

LAT. N69 06.5

LONG. W105 04.0

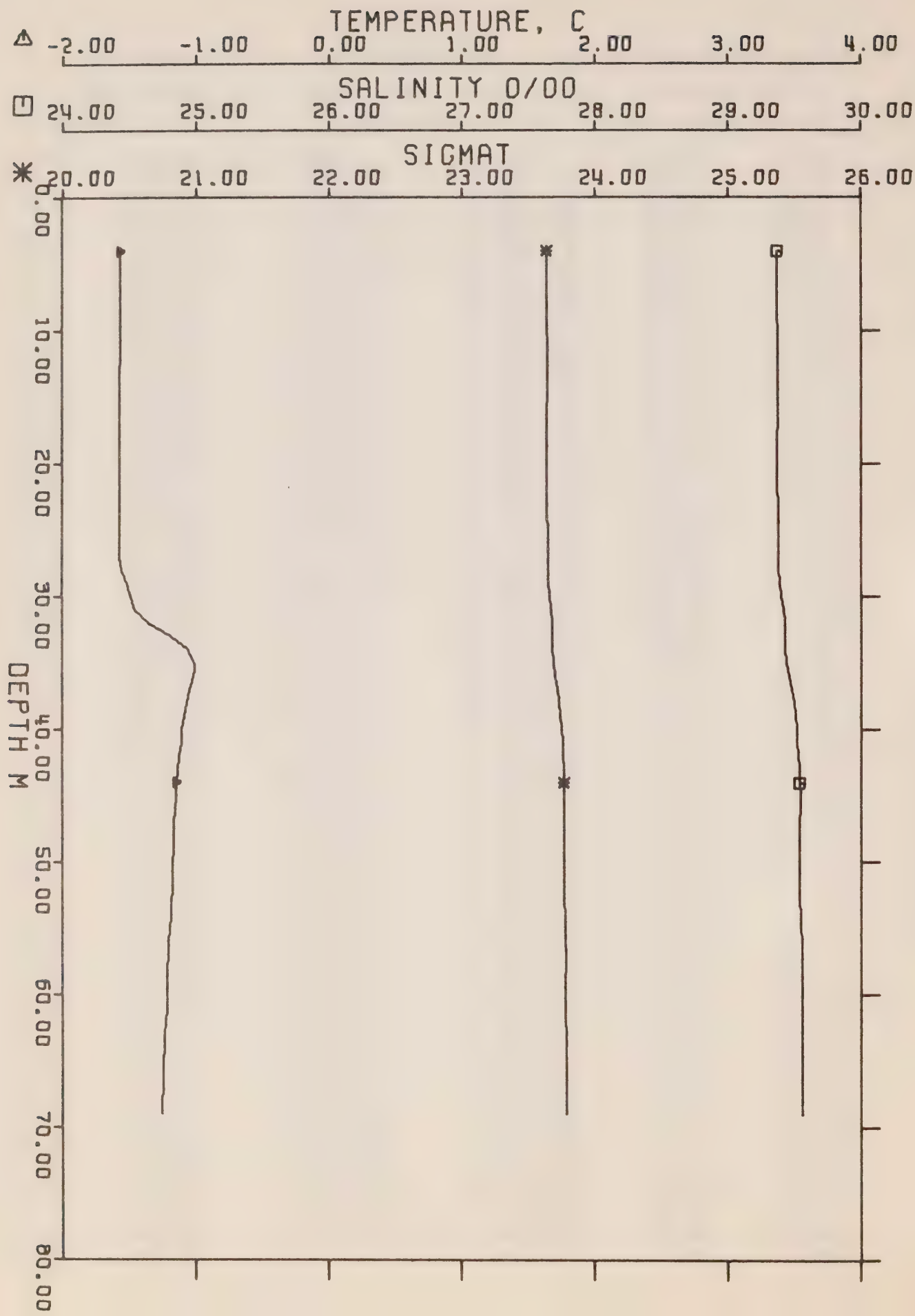
WATER DEPTH 82

DEPTH INCR. 1.00

DATE 120472

LOCAL TIME 10700

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.379 D	-1.578 C	23.644	1434.1
5.00	5.00	29.378 D	-1.579 C	23.644	1434.1
6.00	6.00	29.378 D	-1.579 C	23.644	1434.2
7.00	7.00	29.379 D	-1.579 C	23.644	1434.2
8.00	8.00	29.378 D	-1.580 C	23.644	1434.2
9.00	9.00	29.376 D	-1.578 C	23.642	1434.2
10.00	10.00	29.372 D	-1.577 C	23.639	1434.2
11.00	11.00	29.369 D	-1.575 C	23.636	1434.3
12.00	12.00	29.368 D	-1.577 C	23.635	1434.3
13.00	13.00	29.369 D	-1.577 C	23.636	1434.3
14.00	14.00	29.371 D	-1.578 C	23.638	1434.3
15.00	15.00	29.375 D	-1.582 C	23.641	1434.3
16.00	16.00	29.380 D	-1.584 C	23.645	1434.3
17.00	17.00	29.382 D	-1.589 C	23.647	1434.3
18.00	18.00	29.384 D	-1.586 C	23.648	1434.3
19.00	19.00	29.382 D	-1.587 C	23.647	1434.3
20.00	20.00	29.383 D	-1.585 C	23.648	1434.4
21.00	21.00	29.383 D	-1.588 C	23.648	1434.4
22.00	22.00	29.382 D	-1.589 C	23.647	1434.4
23.00	23.00	29.379 D	-1.586 C	23.644	1434.4
24.00	24.00	29.374 D	-1.582 C	23.640	1434.4
25.00	25.00	29.372 D	-1.578 C	23.639	1434.5
26.00	26.00	29.370 D	-1.577 C	23.637	1434.5
27.00	27.00	29.373 D	-1.575 C	23.639	1434.5
28.00	28.00	29.376 D	-1.566 C	23.642	1434.6
29.00	29.00	29.385 E	-1.531 E	23.649	1434.8
30.00	30.00	29.402 E	-1.501 E	23.662	1435.0
31.00	31.00	29.419 E	-1.451 E	23.675	1435.2
32.00	32.00	29.432 E	-1.327 E	23.684	1435.9
33.00	33.00	29.434 E	-1.165 E	23.683	1436.6
34.00	34.00	29.446 E	-1.034 E	23.690	1437.3
35.00	35.00	29.463 E	-1.012 E	23.703	1437.4
36.00	36.00	29.435 D	-1.029 C	23.721	1437.4
37.00	37.00	29.500 D	-1.051 C	23.734	1437.3
38.00	38.00	29.509 D	-1.072 C	23.742	1437.3
39.00	39.00	29.514 D	-1.090 C	23.746	1437.2
40.00	40.00	29.515 D	-1.103 C	23.747	1437.2
41.00	41.00	29.516 D	-1.113 C	23.748	1437.1
42.00	42.00	29.518 D	-1.128 C	23.750	1437.1
43.00	43.00	29.523 D	-1.139 C	23.754	1437.1
44.00	44.00	29.529 D	-1.151 C	23.759	1437.0
45.00	45.00	29.534 D	-1.159 C	23.763	1437.0
46.00	46.00	29.538 D	-1.168 C	23.767	1437.0
47.00	47.00	29.542 D	-1.173 C	23.770	1437.0
48.00	48.00	29.544 D	-1.179 C	23.772	1437.0
49.00	49.00	29.547 D	-1.186 C	23.774	1437.0
50.00	50.00	29.550 D	-1.189 C	23.777	1437.0
51.00	51.00	29.551 D	-1.192 C	23.778	1437.0
52.00	52.00	29.552 D	-1.193 C	23.779	1437.0
53.00	53.00	29.550 D	-1.197 C	23.777	1437.0
54.00	54.00	29.549 D	-1.197 C	23.776	1437.0
55.00	55.00	29.546 D	-1.199 C	23.774	1437.0
56.00	56.00	29.546 D	-1.202 C	23.774	1437.0
57.00	57.00	29.547 D	-1.207 C	23.775	1437.0
58.00	58.00	29.550 D	-1.212 C	23.777	1437.0
59.00	59.00	29.557 D	-1.220 C	23.783	1437.0
60.00	60.00	29.566 D	-1.231 C	23.791	1437.0
61.00	61.00	29.575 D	-1.244 C	23.798	1436.9
62.00	62.00	29.582 D	-1.254 C	23.804	1436.9
63.00	63.00	29.586 D	-1.261 C	23.807	1436.9
64.00	64.00	29.586 D	-1.265 C	23.807	1436.9
65.00	65.00	29.585 D	-1.266 C	23.807	1436.9
66.00	66.00	29.586 D	-1.270 C	23.807	1436.9
67.00	67.00	29.586 D	-1.278 C	23.808	1436.9
68.00	68.00	29.584 D	-1.278 C	23.806	1436.9
69.00	69.00	29.576 D	-1.275 C	23.799	1436.9



CRUISE 02-72-015

CB4

CAMBRIDGE BAY

EXPER. NO. 651

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

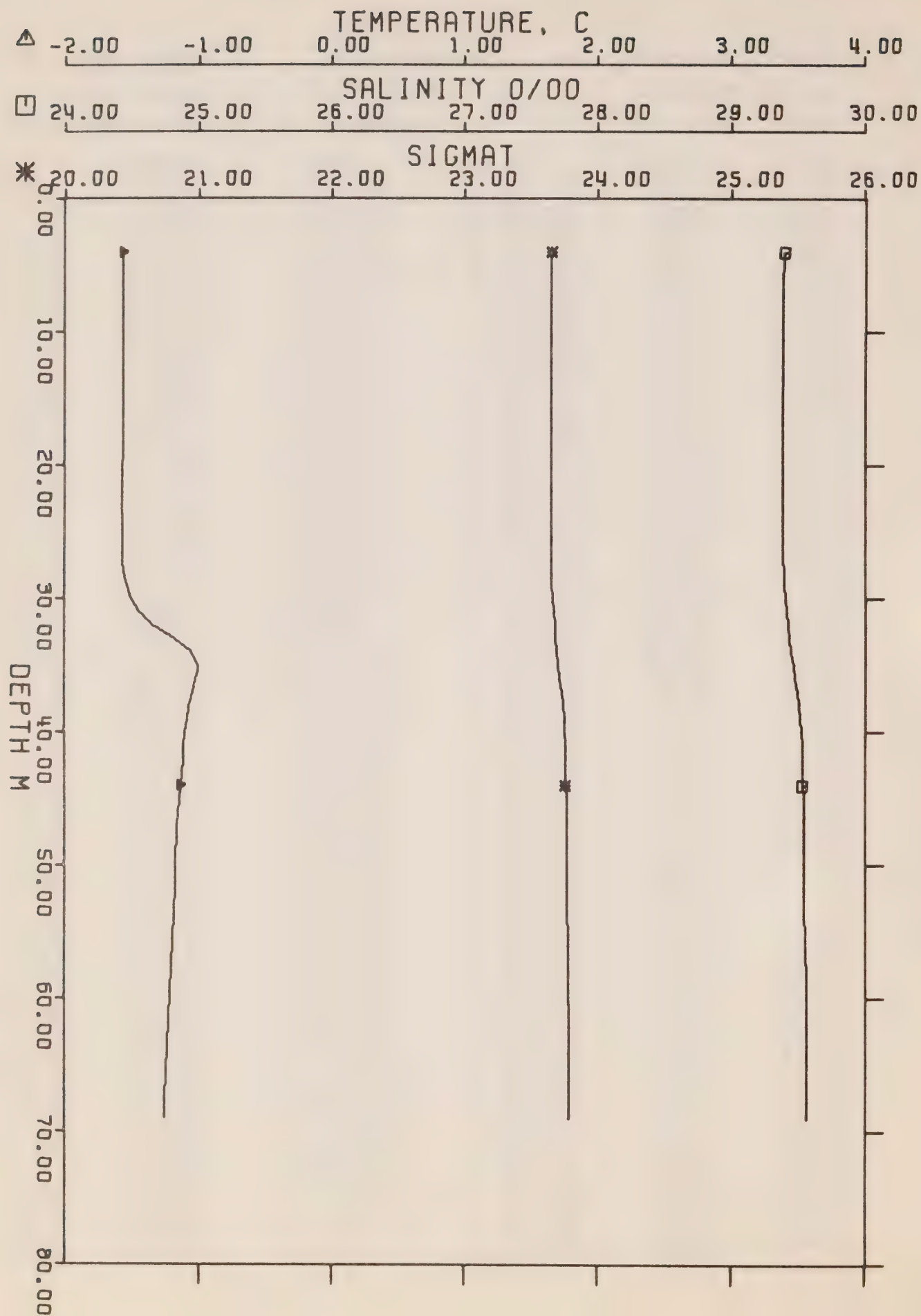
DEPTH INCR. 1.00

DATE 120472

LOCAL TIME 0800

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.374 D	-1.574 C	23.640	1434.1
5.00	5.00	29.371 D	-1.575 C	23.638	1434.2
6.00	6.00	29.370 D	-1.575 C	23.637	1434.2
7.00	7.00	29.369 D	-1.574 C	23.636	1434.2
8.00	8.00	29.370 D	-1.571 C	23.637	1434.2
9.00	9.00	29.371 D	-1.572 C	23.638	1434.2
10.00	10.00	29.377 D	-1.572 C	23.643	1434.3
11.00	11.00	29.380 D	-1.575 C	23.645	1434.3
12.00	12.00	29.383 D	-1.573 C	23.648	1434.3
13.00	13.00	29.383 D	-1.576 C	23.648	1434.3
14.00	14.00	29.383 D	-1.579 C	23.648	1434.3
15.00	15.00	29.380 D	-1.579 C	23.645	1434.3
16.00	16.00	29.378 D	-1.576 C	23.644	1434.3
17.00	17.00	29.375 D	-1.576 C	23.641	1434.4
18.00	18.00	29.374 D	-1.576 C	23.640	1434.4
19.00	19.00	29.373 D	-1.578 C	23.639	1434.4
20.00	20.00	29.372 D	-1.577 C	23.639	1434.4
21.00	21.00	29.371 D	-1.576 C	23.638	1434.4
22.00	22.00	29.373 D	-1.575 C	23.639	1434.4
23.00	23.00	29.375 D	-1.574 C	23.641	1434.5
24.00	24.00	29.378 D	-1.575 C	23.644	1434.5
25.00	25.00	29.380 D	-1.575 C	23.645	1434.5
26.00	26.00	29.382 D	-1.577 C	23.647	1434.5
27.00	27.00	29.383 E	-1.573 F	23.648	1434.5
28.00	28.00	29.383 F	-1.546 E	23.647	1434.7
29.00	29.00	29.387 E	-1.509 E	23.650	1434.9
30.00	30.00	29.399 E	-1.481 F	23.659	1435.1
31.00	31.00	29.416 E	-1.450 F	23.673	1435.2
32.00	32.00	29.427 E	-1.349 F	23.680	1435.8
33.00	33.00	29.429 E	-1.181 F	23.679	1436.6
34.00	34.00	29.432 E	-1.047 F	23.679	1437.2
35.00	35.00	29.444 E	-0.998 E	23.688	1437.5
36.00	36.00	29.462 D	-1.020 C	23.703	1437.4
37.00	37.00	29.481 D	-1.046 C	23.718	1437.3
38.00	38.00	29.497 D	-1.072 C	23.732	1437.3
39.00	39.00	29.510 D	-1.093 C	23.743	1437.2
40.00	40.00	29.518 D	-1.106 C	23.749	1437.2
41.00	41.00	29.525 D	-1.113 C	23.755	1437.2
42.00	42.00	29.532 D	-1.127 C	23.761	1437.1
43.00	43.00	29.540 D	-1.139 C	23.768	1437.1
44.00	44.00	29.545 D	-1.152 C	23.772	1437.0
45.00	45.00	29.548 D	-1.154 C	23.775	1437.1
46.00	46.00	29.546 D	-1.162 C	23.773	1437.0
47.00	47.00	29.543 D	-1.166 C	23.771	1437.0
48.00	48.00	29.539 D	-1.173 C	23.768	1437.0
49.00	49.00	29.538 D	-1.175 C	23.767	1437.0
50.00	50.00	29.537 D	-1.178 C	23.766	1437.0
51.00	51.00	29.538 D	-1.181 C	23.767	1437.0
52.00	52.00	29.540 D	-1.183 C	23.769	1437.0
53.00	53.00	29.543 D	-1.186 C	23.771	1437.0
54.00	54.00	29.548 D	-1.192 C	23.775	1437.0
55.00	55.00	29.553 D	-1.198 C	23.779	1437.0
56.00	56.00	29.558 D	-1.206 C	23.784	1437.0
57.00	57.00	29.561 D	-1.213 C	23.786	1437.0
58.00	58.00	29.560 D	-1.216 C	23.785	1437.0
59.00	59.00	29.559 D	-1.218 C	23.785	1437.0
60.00	60.00	29.557 D	-1.220 C	23.783	1437.0
61.00	61.00	29.558 D	-1.225 C	23.784	1437.0
62.00	62.00	29.559 D	-1.230 C	23.785	1437.0
63.00	63.00	29.562 D	-1.236 C	23.787	1437.0
64.00	64.00	29.563 D	-1.242 C	23.788	1437.0
65.00	65.00	29.563 D	-1.246 C	23.788	1437.0
66.00	66.00	29.562 D	-1.250 C	23.789	1437.0
67.00	67.00	29.562 D	-1.254 C	23.788	1437.0
68.00	68.00	29.563 D	-1.259 C	23.789	1437.0
69.00	69.00	29.564 D	-1.263 C	23.789	1437.0

EXPERIMENT 652



CRUISE 02-72-015 CB4

CAMBRIDGE BAY

EXPER. NO. 652

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

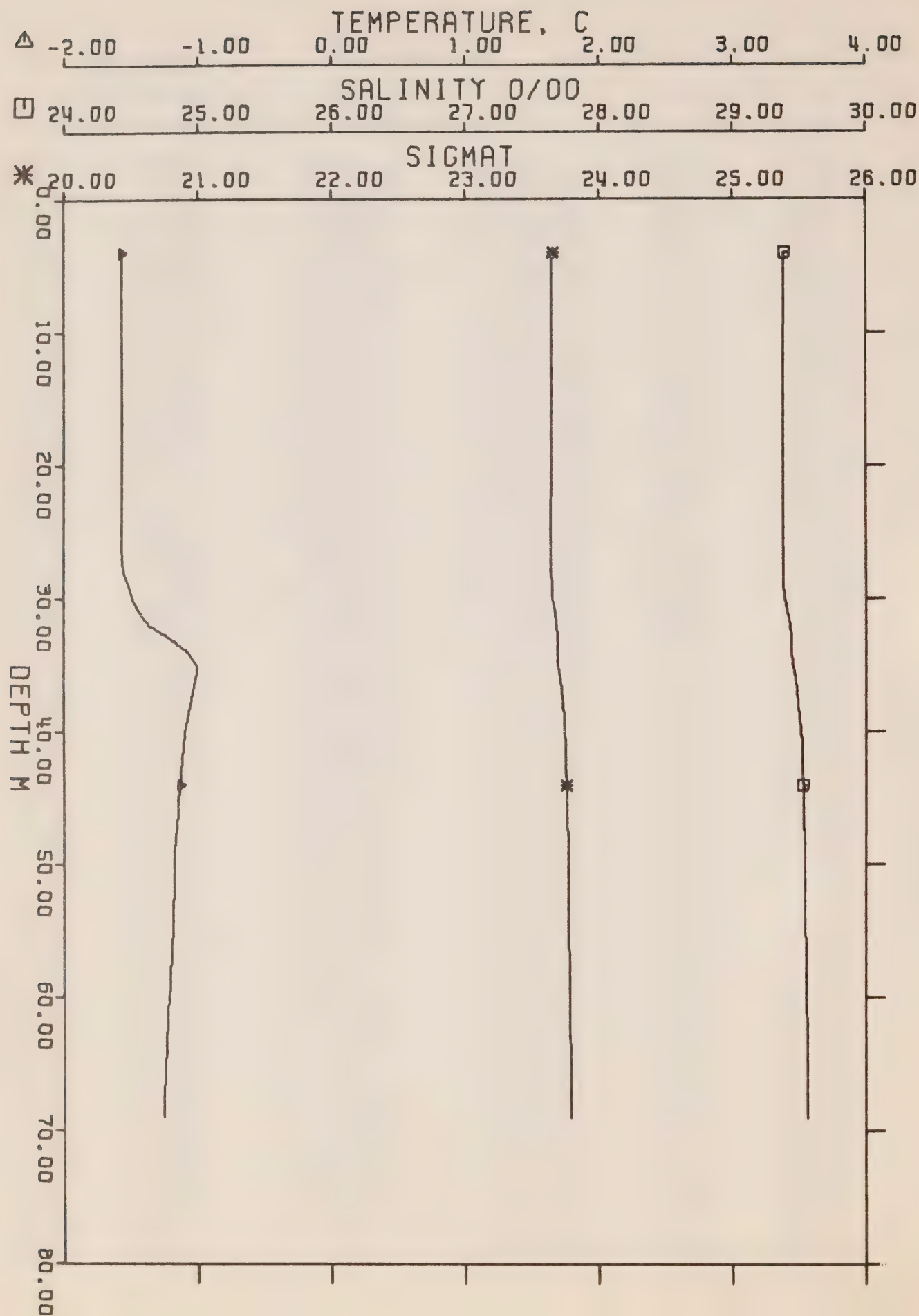
DEPTH INCR. 1.00

DATE 120472

LOCAL TIME 0900

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.400 D	-1.573 C	23.661	1434.2
5.00	5.00	29.397 D	-1.573 C	23.659	1434.2
6.00	6.00	29.395 D	-1.573 C	23.657	1434.2
7.00	7.00	29.393 D	-1.572 C	23.656	1434.2
8.00	8.00	29.391 D	-1.572 C	23.654	1434.2
9.00	9.00	29.390 D	-1.572 C	23.653	1434.3
10.00	10.00	29.389 D	-1.573 C	23.652	1434.3
11.00	11.00	29.388 D	-1.572 C	23.652	1434.3
12.00	12.00	29.388 D	-1.573 C	23.652	1434.3
13.00	13.00	29.387 D	-1.573 C	23.651	1434.3
14.00	14.00	29.386 D	-1.573 C	23.650	1434.3
15.00	15.00	29.385 D	-1.572 C	23.649	1434.4
16.00	16.00	29.383 D	-1.572 C	23.648	1434.4
17.00	17.00	29.382 D	-1.572 C	23.647	1434.4
18.00	18.00	29.381 D	-1.574 C	23.646	1434.4
19.00	19.00	29.381 D	-1.575 C	23.646	1434.4
20.00	20.00	29.381 D	-1.576 C	23.646	1434.4
21.00	21.00	29.382 D	-1.576 C	23.647	1434.4
22.00	22.00	29.383 D	-1.576 C	23.648	1434.4
23.00	23.00	29.383 D	-1.576 C	23.648	1434.5
24.00	24.00	29.383 D	-1.575 C	23.648	1434.5
25.00	25.00	29.383 D	-1.573 C	23.648	1434.5
26.00	26.00	29.383 D	-1.572 C	23.648	1434.5
27.00	27.00	29.385 D	-1.570 C	23.649	1434.6
28.00	28.00	29.387 D	-1.559 C	23.651	1434.6
29.00	29.00	29.392 D	-1.529 C	23.654	1434.8
30.00	30.00	29.400 D	-1.498 C	23.660	1435.0
31.00	31.00	29.414 D	-1.442 C	23.671	1435.3
32.00	32.00	29.424 E	-1.344 C	23.678	1435.8
33.00	33.00	29.434 E	-1.177 C	23.683	1436.6
34.00	34.00	29.442 E	-1.053 C	23.687	1437.2
35.00	35.00	29.458 E	-1.001 C	23.699	1437.5
36.00	36.00	29.474 D	-1.027 C	23.712	1437.4
37.00	37.00	29.492 D	-1.053 C	23.727	1437.3
38.00	38.00	29.504 D	-1.076 C	23.738	1437.3
39.00	39.00	29.514 D	-1.095 C	23.746	1437.2
40.00	40.00	29.521 D	-1.107 C	23.752	1437.2
41.00	41.00	29.526 D	-1.116 C	23.756	1437.1
42.00	42.00	29.529 D	-1.124 C	23.759	1437.1
43.00	43.00	29.532 D	-1.133 C	23.761	1437.1
44.00	44.00	29.534 D	-1.142 C	23.763	1437.1
45.00	45.00	29.537 D	-1.151 C	23.766	1437.1
46.00	46.00	29.539 D	-1.159 C	23.767	1437.0
47.00	47.00	29.541 D	-1.167 C	23.769	1437.0
48.00	48.00	29.541 D	-1.174 C	23.769	1437.0
49.00	49.00	29.542 D	-1.178 C	23.770	1437.0
50.00	50.00	29.541 D	-1.181 C	23.769	1437.0
51.00	51.00	29.542 D	-1.183 C	23.770	1437.0
52.00	52.00	29.542 D	-1.185 C	23.770	1437.0
53.00	53.00	29.543 D	-1.188 C	23.771	1437.0
54.00	54.00	29.545 D	-1.192 C	23.773	1437.0
55.00	55.00	29.548 D	-1.196 C	23.775	1437.0
56.00	56.00	29.551 D	-1.203 C	23.778	1437.0
57.00	57.00	29.555 D	-1.208 C	23.781	1437.0
58.00	58.00	29.556 D	-1.213 C	23.782	1437.0
59.00	59.00	29.558 D	-1.217 C	23.784	1437.0
60.00	60.00	29.559 D	-1.222 C	23.785	1437.0
61.00	61.00	29.560 D	-1.227 C	23.786	1437.0
62.00	62.00	29.560 D	-1.232 C	23.786	1437.0
63.00	63.00	29.561 D	-1.238 C	23.787	1437.0
64.00	64.00	29.562 D	-1.243 C	23.788	1437.0
65.00	65.00	29.562 D	-1.247 C	23.788	1437.0
66.00	66.00	29.562 D	-1.251 C	23.788	1437.0
67.00	67.00	29.563 D	-1.256 C	23.789	1437.0
68.00	68.00	29.564 D	-1.260 C	23.789	1437.0
69.00	69.00	29.565 D	-1.264 C	23.790	1437.0

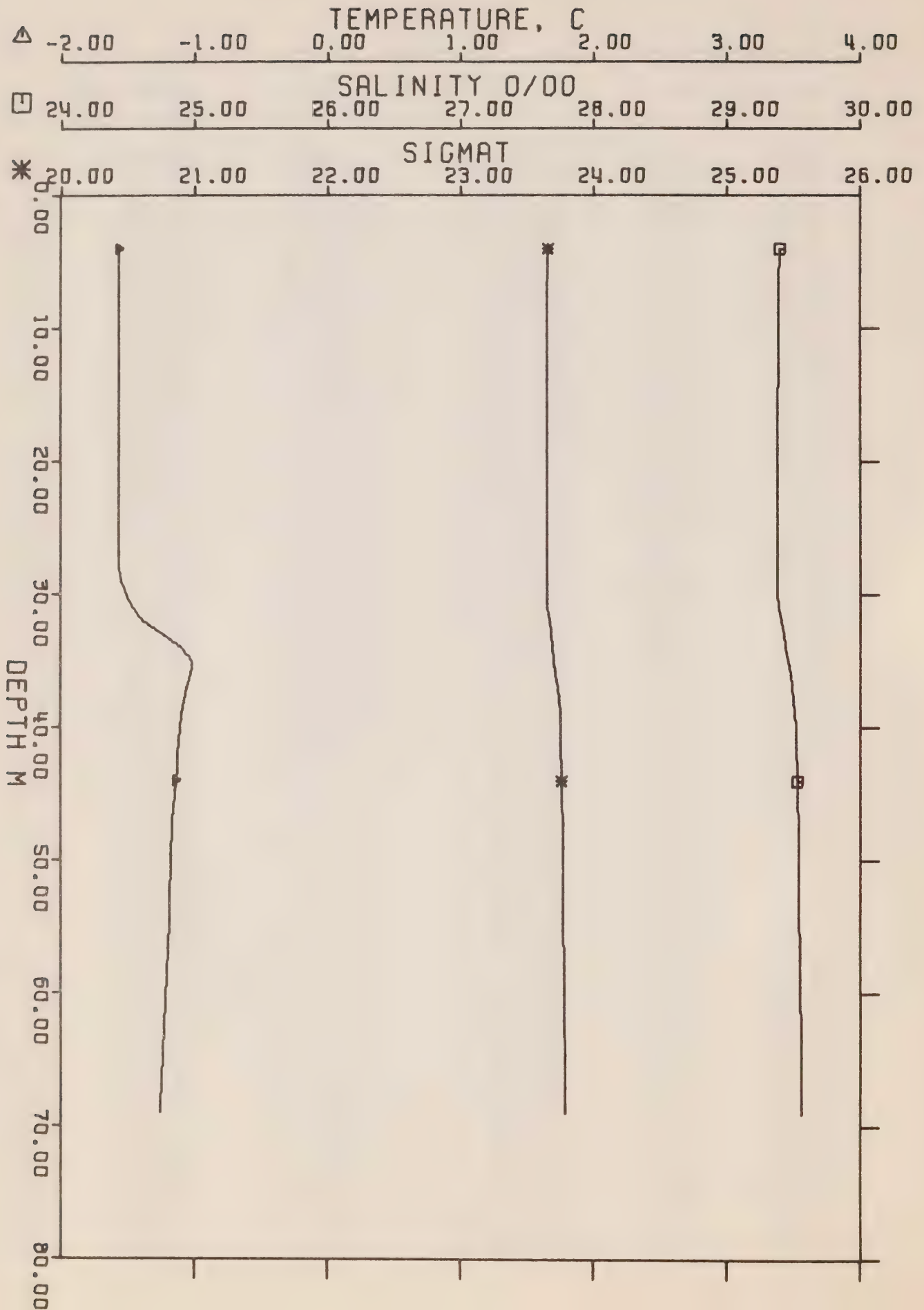
EXPERIMENT 653



CRUISE 02-72-015 CB4 CAMBRIDGE BAY EXPER. NO. 653
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 120472 LOCAL TIME 1000

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.395 D	-1.571 C	23.657	1434.2
5.00	5.00	29.391 D	-1.571 C	23.654	1434.2
6.00	5.00	29.389 D	-1.570 C	23.652	1434.2
7.00	7.00	29.388 D	-1.570 C	23.652	1434.2
8.00	8.00	29.387 D	-1.570 C	23.651	1434.3
9.00	9.00	29.386 D	-1.570 C	23.650	1434.3
10.00	10.00	29.385 D	-1.571 C	23.649	1434.3
11.00	11.00	29.384 D	-1.572 C	23.648	1434.3
12.00	12.00	29.383 D	-1.572 C	23.648	1434.3
13.00	13.00	29.383 D	-1.572 C	23.648	1434.3
14.00	14.00	29.382 D	-1.571 C	23.647	1434.3
15.00	15.00	29.382 D	-1.571 C	23.647	1434.4
16.00	16.00	29.382 D	-1.571 C	23.647	1434.4
17.00	17.00	29.382 D	-1.571 C	23.647	1434.4
18.00	18.00	29.382 D	-1.572 C	23.647	1434.4
19.00	19.00	29.381 D	-1.572 C	23.646	1434.4
20.00	20.00	29.381 D	-1.573 C	23.646	1434.4
21.00	21.00	29.380 D	-1.573 C	23.645	1434.4
22.00	22.00	29.380 D	-1.573 C	23.645	1434.5
23.00	23.00	29.379 D	-1.573 C	23.644	1434.5
24.00	24.00	29.379 D	-1.573 C	23.644	1434.5
25.00	25.00	29.379 D	-1.573 C	23.644	1434.5
26.00	26.00	29.377 D	-1.574 C	23.643	1434.5
27.00	27.00	29.377 E	-1.564 E	23.643	1434.6
28.00	28.00	29.376 E	-1.548 E	23.642	1434.7
29.00	29.00	29.383 E	-1.511 F	23.647	1434.9
30.00	30.00	29.393 E	-1.484 E	23.654	1435.0
31.00	31.00	29.413 F	-1.432 E	23.670	1435.3
32.00	32.00	29.426 E	-1.358 E	23.679	1435.7
33.00	33.00	29.433 E	-1.196 E	23.686	1436.5
34.00	34.00	29.441 E	-1.071 E	23.687	1437.1
35.00	35.00	29.452 E	-0.998 E	23.694	1437.5
36.00	36.00	29.466 D	-1.018 C	23.706	1437.4
37.00	37.00	29.482 D	-1.039 C	23.719	1437.4
38.00	38.00	29.494 D	-1.059 C	23.729	1437.3
39.00	39.00	29.503 D	-1.081 C	23.737	1437.2
40.00	40.00	29.512 D	-1.099 C	23.744	1437.2
41.00	41.00	29.517 D	-1.112 C	23.749	1437.1
42.00	42.00	29.520 D	-1.119 C	23.751	1437.1
43.00	43.00	29.523 D	-1.126 C	23.754	1437.1
44.00	44.00	29.526 D	-1.135 C	23.756	1437.1
45.00	45.00	29.529 D	-1.146 C	23.759	1437.1
46.00	46.00	29.533 D	-1.155 C	23.762	1437.0
47.00	47.00	29.535 D	-1.165 C	23.764	1437.0
48.00	48.00	29.537 D	-1.171 C	23.766	1437.0
49.00	49.00	29.538 D	-1.176 C	23.767	1437.0
50.00	50.00	29.539 D	-1.179 C	23.768	1437.0
51.00	51.00	29.541 D	-1.181 C	23.769	1437.0
52.00	52.00	29.542 D	-1.184 C	23.770	1437.0
53.00	53.00	29.543 D	-1.187 C	23.771	1437.0
54.00	54.00	29.544 D	-1.190 C	23.772	1437.0
55.00	55.00	29.545 D	-1.194 C	23.773	1437.0
56.00	56.00	29.547 D	-1.199 C	23.775	1437.0
57.00	57.00	29.548 D	-1.204 C	23.776	1437.0
58.00	58.00	29.550 D	-1.210 C	23.777	1437.0
59.00	59.00	29.551 D	-1.215 C	23.778	1437.0
60.00	60.00	29.553 D	-1.221 C	23.780	1437.0
61.00	61.00	29.554 D	-1.227 C	23.781	1437.0
62.00	62.00	29.556 D	-1.232 C	23.782	1437.0
63.00	63.00	29.557 D	-1.237 C	23.783	1437.0
64.00	64.00	29.559 D	-1.241 C	23.785	1437.0
65.00	65.00	29.560 D	-1.246 C	23.786	1437.0
66.00	66.00	29.561 D	-1.251 C	23.787	1437.0
67.00	67.00	29.563 D	-1.256 C	23.789	1437.0
68.00	68.00	29.564 D	-1.261 C	23.789	1436.9
69.00	69.00	29.565 D	-1.264 C	23.790	1437.0

EXPERIMENT 654



CRUISE 02-72-015 CH4

CAMBRIDGE BAY

EXPER. NO. 654

LAT. N59 06.5

LONG. W105 04.0

WATER DEPTH 82

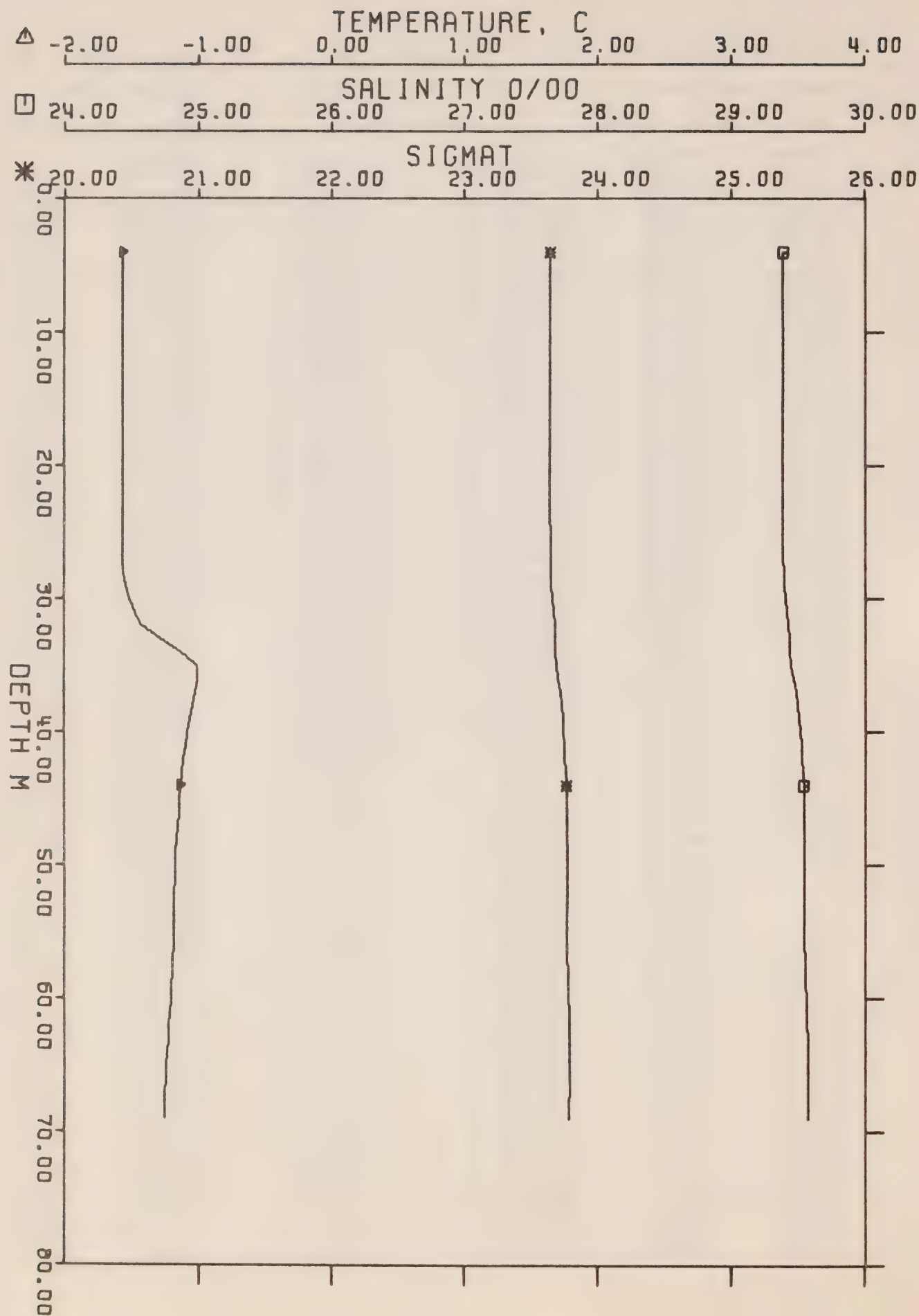
DEPTH INCR. 1.00

DATE 120472

LOCAL TIME 1100

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.400 D	-1.572 C	23.661	1434.2
5.00	5.00	29.396 D	-1.571 C	23.658	1434.2
6.00	6.00	29.394 D	-1.571 C	23.656	1434.2
7.00	7.00	29.392 D	-1.572 C	23.655	1434.2
8.00	8.00	29.391 D	-1.573 C	23.654	1434.2
9.00	9.00	29.390 D	-1.574 C	23.653	1434.3
10.00	10.00	29.389 D	-1.574 C	23.652	1434.3
11.00	11.00	29.388 D	-1.574 C	23.652	1434.3
12.00	12.00	29.388 D	-1.574 C	23.652	1434.3
13.00	13.00	29.387 D	-1.573 C	23.651	1434.3
14.00	14.00	29.386 D	-1.573 C	23.650	1434.3
15.00	15.00	29.385 D	-1.573 C	23.649	1434.3
16.00	16.00	29.385 D	-1.573 C	23.649	1434.4
17.00	17.00	29.384 D	-1.574 C	23.648	1434.4
18.00	18.00	29.384 D	-1.575 C	23.648	1434.4
19.00	19.00	29.383 D	-1.575 C	23.648	1434.4
20.00	20.00	29.382 D	-1.574 C	23.647	1434.4
21.00	21.00	29.382 D	-1.574 C	23.647	1434.4
22.00	22.00	29.381 D	-1.574 C	23.646	1434.5
23.00	23.00	29.381 D	-1.574 C	23.646	1434.5
24.00	24.00	29.380 D	-1.573 C	23.645	1434.5
25.00	25.00	29.380 D	-1.572 C	23.645	1434.5
26.00	26.00	29.381 D	-1.569 C	23.646	1434.5
27.00	27.00	29.382 D	-1.566 C	23.647	1434.6
28.00	28.00	29.382 E	-1.565 E	23.647	1434.6
29.00	29.00	29.382 E	-1.539 E	23.646	1434.7
30.00	30.00	29.383 E	-1.500 E	23.647	1434.7
31.00	31.00	29.393 E	-1.455 E	23.654	1435.2
32.00	32.00	29.409 E	-1.379 E	23.666	1435.6
33.00	33.00	29.427 E	-1.226 E	23.678	1436.4
34.00	34.00	29.441 E	-1.086 E	23.687	1437.1
35.00	35.00	29.458 E	-1.010 E	23.699	1437.4
36.00	36.00	29.476 D	-1.035 C	23.714	1437.4
37.00	37.00	29.493 D	-1.058 C	23.728	1437.3
38.00	38.00	29.505 D	-1.081 C	23.738	1437.2
39.00	39.00	29.513 D	-1.098 C	23.745	1437.2
40.00	40.00	29.518 D	-1.112 C	23.750	1437.1
41.00	41.00	29.521 D	-1.121 C	23.752	1437.1
42.00	42.00	29.524 D	-1.127 C	23.755	1437.1
43.00	43.00	29.526 D	-1.135 C	23.756	1437.1
44.00	44.00	29.529 D	-1.144 C	23.759	1437.1
45.00	45.00	29.532 D	-1.153 C	23.762	1437.0
46.00	46.00	29.534 D	-1.162 C	23.763	1437.0
47.00	47.00	29.536 D	-1.170 C	23.765	1437.0
48.00	48.00	29.538 D	-1.175 C	23.767	1437.0
49.00	49.00	29.539 D	-1.179 C	23.768	1437.0
50.00	50.00	29.540 D	-1.181 C	23.769	1437.0
51.00	51.00	29.541 D	-1.184 C	23.769	1437.0
52.00	52.00	29.542 D	-1.186 C	23.770	1437.0
53.00	53.00	29.543 D	-1.189 C	23.771	1437.0
54.00	54.00	29.544 D	-1.191 C	23.772	1437.0
55.00	55.00	29.545 D	-1.195 C	23.773	1437.0
56.00	56.00	29.547 D	-1.198 C	23.775	1437.0
57.00	57.00	29.548 D	-1.202 C	23.775	1437.0
58.00	58.00	29.549 D	-1.207 C	23.776	1437.0
59.00	59.00	29.551 D	-1.212 C	23.778	1437.0
60.00	60.00	29.552 D	-1.217 C	23.779	1437.0
61.00	61.00	29.554 D	-1.222 C	23.781	1437.0
62.00	62.00	29.556 D	-1.226 C	23.782	1437.0
63.00	63.00	29.557 D	-1.232 C	23.783	1437.0
64.00	64.00	29.559 D	-1.238 C	23.785	1437.0
65.00	65.00	29.560 D	-1.244 C	23.786	1437.0
66.00	66.00	29.561 D	-1.249 C	23.787	1437.0
67.00	67.00	29.562 D	-1.253 C	23.788	1437.0
68.00	68.00	29.563 D	-1.257 C	23.789	1437.0
69.00	69.00	29.564 D	-1.261 C	23.789	1437.0

EXPERIMENT 655



CRUISE 02-72-015 CB4

CAMBRIDGE BAY

EXPER. NO. 655

LAT. N69 06.5

LONG. W105 04.0

WATER DEPTH 82

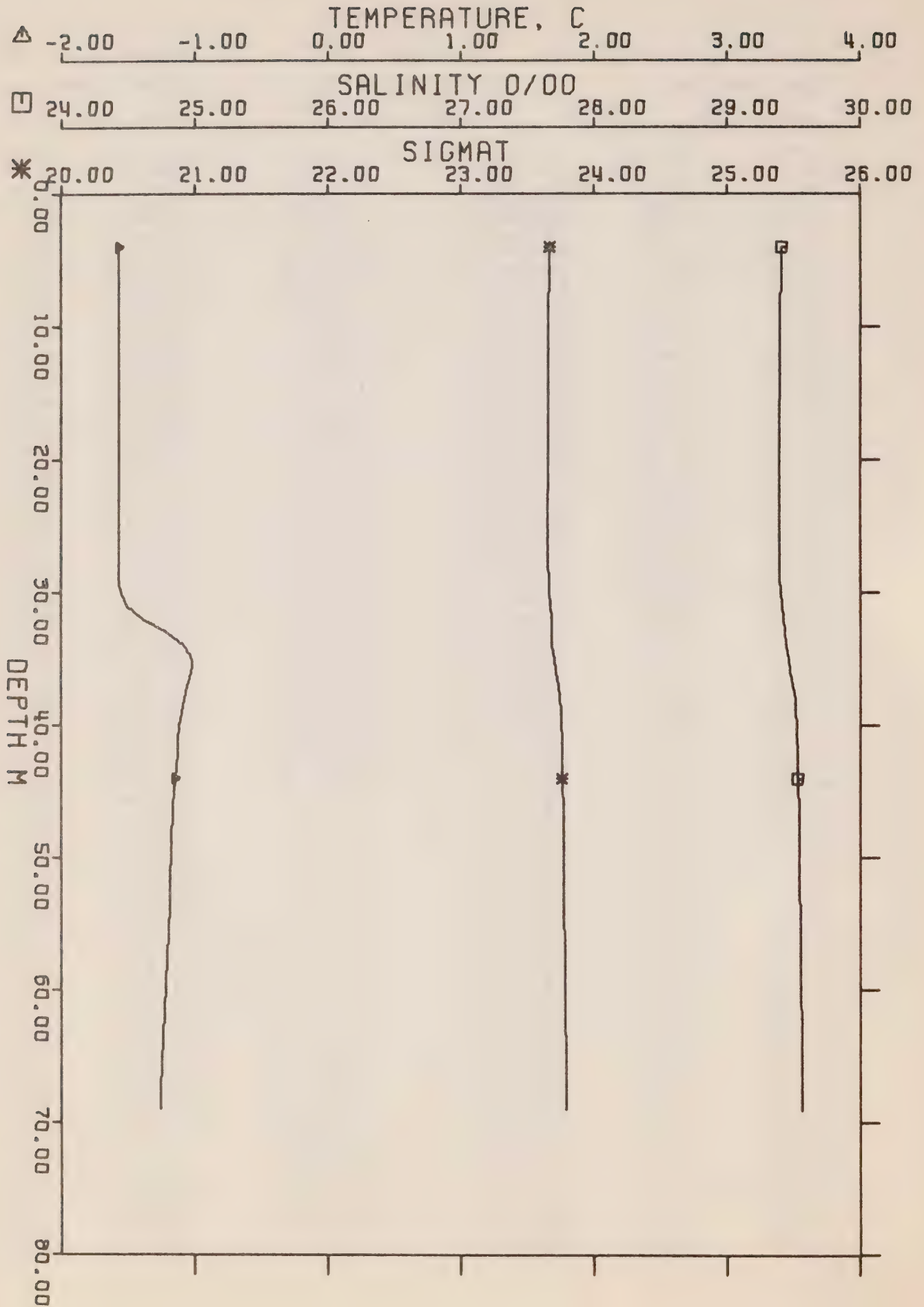
DEPTH INCR. 1.00

DATE 120472

LOCAL TIME 1200

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.00	4.00	29.391 D	-1.569 C	23.654	1434.2
5.00	5.00	29.388 D	-1.569 C	23.652	1434.2
6.00	6.00	29.386 D	-1.570 C	23.650	1434.2
7.00	7.00	29.384 D	-1.571 C	23.648	1434.2
8.00	8.00	29.384 D	-1.572 C	23.648	1434.2
9.00	9.00	29.385 D	-1.572 C	23.649	1434.3
10.00	10.00	29.387 D	-1.574 C	23.651	1434.3
11.00	11.00	29.389 D	-1.574 C	23.652	1434.3
12.00	12.00	29.389 D	-1.574 C	23.652	1434.3
13.00	13.00	29.389 D	-1.573 C	23.652	1434.3
14.00	14.00	29.387 D	-1.573 C	23.651	1434.3
15.00	15.00	29.386 D	-1.573 C	23.650	1434.3
16.00	16.00	29.385 D	-1.574 C	23.649	1434.4
17.00	17.00	29.385 D	-1.574 C	23.649	1434.4
18.00	18.00	29.384 D	-1.574 C	23.648	1434.4
19.00	19.00	29.382 D	-1.574 C	23.647	1434.4
20.00	20.00	29.380 D	-1.573 C	23.645	1434.4
21.00	21.00	29.379 D	-1.573 C	23.644	1434.4
22.00	22.00	29.378 D	-1.572 C	23.643	1434.5
23.00	23.00	29.378 D	-1.571 C	23.643	1434.5
24.00	24.00	29.379 D	-1.570 C	23.644	1434.5
25.00	25.00	29.381 D	-1.569 C	23.646	1434.5
26.00	26.00	29.384 D	-1.569 C	23.648	1434.5
27.00	27.00	29.385 D	-1.569 C	23.649	1434.6
28.00	28.00	29.387 D	-1.558 D	23.651	1434.6
29.00	29.00	29.391 E	-1.537 D	23.654	1434.9
30.00	30.00	29.400 E	-1.506 D	23.660	1434.9
31.00	31.00	29.415 E	-1.473 E	23.672	1435.1
32.00	32.00	29.422 E	-1.422 E	23.677	1435.4
33.00	33.00	29.429 E	-1.277 E	23.680	1436.1
34.00	34.00	29.428 E	-1.128 E	23.677	1436.8
35.00	35.00	29.443 E	-1.013 E	23.687	1437.4
36.00	36.00	29.461 D	-1.009 C	23.701	1437.5
37.00	37.00	29.481 D	-1.032 C	23.718	1437.4
38.00	38.00	29.493 D	-1.055 C	23.728	1437.3
39.00	39.00	29.501 D	-1.073 C	23.735	1437.3
40.00	40.00	29.509 D	-1.087 C	23.742	1437.2
41.00	41.00	29.516 D	-1.101 C	23.748	1437.2
42.00	42.00	29.523 D	-1.116 C	23.754	1437.2
43.00	43.00	29.531 D	-1.128 C	23.760	1437.1
44.00	44.00	29.537 D	-1.138 C	23.765	1437.1
45.00	45.00	29.540 D	-1.147 C	23.768	1437.1
46.00	46.00	29.543 D	-1.155 C	23.771	1437.1
47.00	47.00	29.545 D	-1.165 C	23.772	1437.0
48.00	48.00	29.547 D	-1.173 C	23.774	1437.0
49.00	49.00	29.548 D	-1.178 C	23.775	1437.0
50.00	50.00	29.548 D	-1.180 C	23.775	1437.0
51.00	51.00	29.549 D	-1.183 C	23.776	1437.0
52.00	52.00	29.549 D	-1.186 C	23.776	1437.0
53.00	53.00	29.548 D	-1.189 C	23.775	1437.0
54.00	54.00	29.546 D	-1.190 C	23.774	1437.0
55.00	55.00	29.545 D	-1.192 C	23.773	1437.0
56.00	56.00	29.545 D	-1.195 C	23.773	1437.0
57.00	57.00	29.546 D	-1.197 C	23.774	1437.0
58.00	58.00	29.548 D	-1.201 C	23.775	1437.0
59.00	59.00	29.551 D	-1.207 C	23.778	1437.0
60.00	60.00	29.556 D	-1.215 C	23.782	1437.0
61.00	61.00	29.561 D	-1.222 C	23.786	1437.0
62.00	62.00	29.564 D	-1.229 C	23.789	1437.0
63.00	63.00	29.566 D	-1.234 C	23.791	1437.0
64.00	64.00	29.567 D	-1.241 C	23.792	1437.0
65.00	65.00	29.569 D	-1.248 C	23.793	1437.0
66.00	66.00	29.570 D	-1.254 C	23.794	1437.0
67.00	67.00	29.571 D	-1.258 C	23.795	1437.0
68.00	68.00	29.570 D	-1.260 C	23.794	1437.0
69.00	69.00	29.568 D	-1.262 C	23.793	1437.0

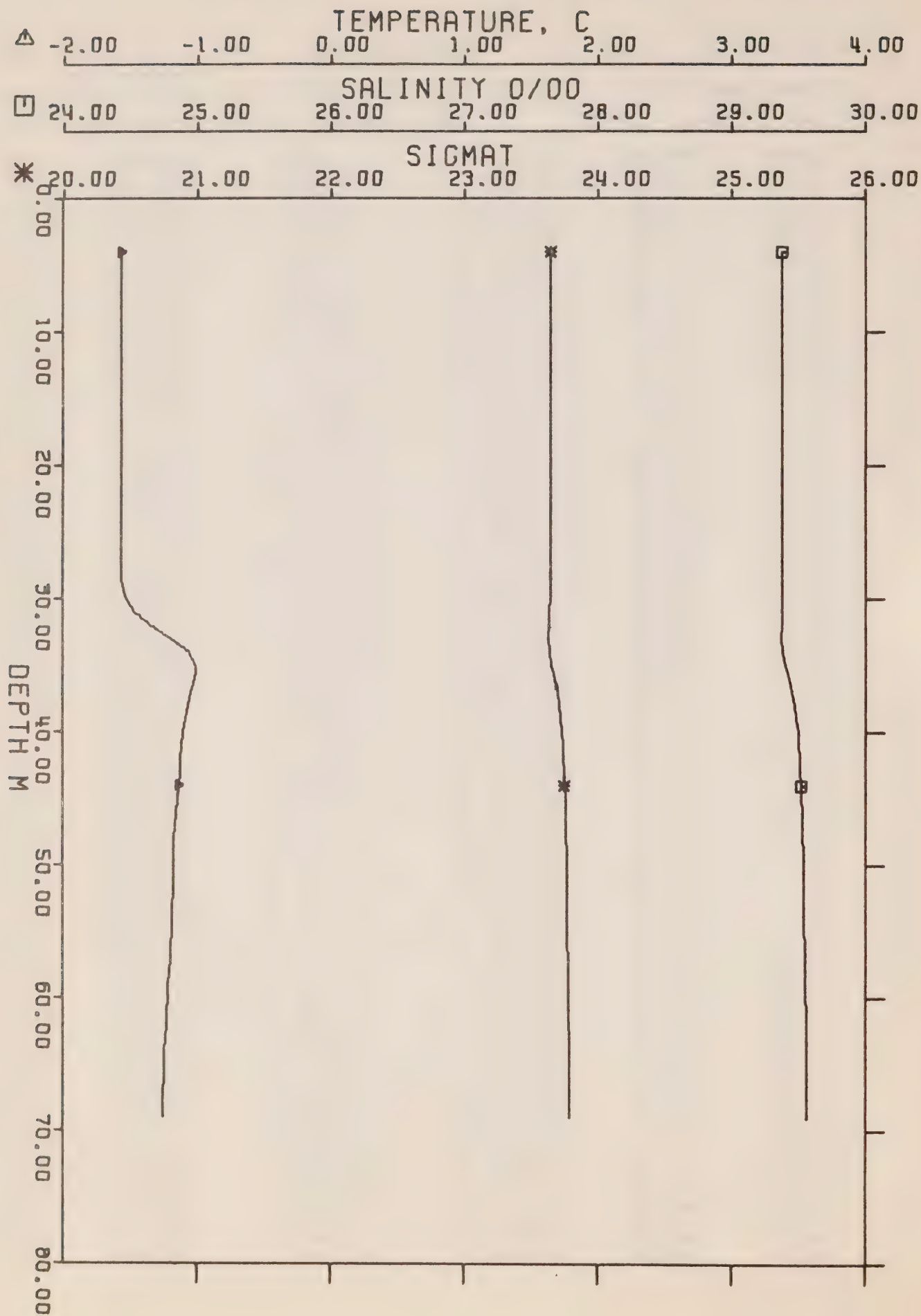
EXPERIMENT 683



CRUISE 02-72-015 CB4 CAMBRIDGE BAY EXPER. NO. 683
 LAT. N69 06.5 LONG. W105 04.0 WATER DEPTH 82
 DEPTH INCR. 1.00 DATE 140472 LOCAL TIME 0907

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	3.95	29.415 D	-1.574 C	23.673	1434.2
5.00	5.00	29.410 D	-1.573 C	23.669	1434.2
6.00	6.00	29.408 D	-1.573 C	23.668	1434.2
7.00	7.00	29.406 D	-1.573 C	23.666	1434.2
8.00	8.05	29.404 D	-1.573 C	23.665	1434.3
9.00	9.00	29.403 D	-1.573 C	23.664	1434.3
10.00	10.00	29.401 D	-1.573 C	23.662	1434.3
11.00	11.10	29.400 D	-1.573 C	23.661	1434.3
12.00	12.05	29.399 D	-1.572 C	23.660	1434.3
13.00	13.10	29.398 D	-1.573 C	23.660	1434.3
14.00	14.10	29.397 D	-1.573 C	23.659	1434.3
15.00	15.15	29.396 D	-1.573 C	23.658	1434.4
16.00	16.15	29.395 D	-1.574 C	23.657	1434.4
17.00	17.10	29.395 D	-1.574 C	23.657	1434.4
18.00	18.10	29.394 D	-1.575 C	23.656	1434.4
19.00	19.10	29.394 D	-1.574 C	23.656	1434.4
20.00	20.15	29.394 D	-1.574 C	23.656	1434.4
21.00	21.20	29.393 D	-1.574 C	23.656	1434.5
22.00	22.20	29.393 D	-1.574 C	23.656	1434.5
23.00	23.15	29.392 D	-1.574 C	23.655	1434.5
24.00	24.10	29.392 D	-1.574 C	23.655	1434.5
25.00	25.15	29.392 D	-1.574 C	23.655	1434.5
26.00	26.20	29.391 D	-1.574 C	23.654	1434.5
27.00	27.30	29.391 D	-1.573 C	23.654	1434.6
28.00	28.25	29.392 D	-1.573 C	23.655	1434.6
29.00	29.20	29.395 D	-1.569 C	23.657	1434.6
30.00	30.25	29.404 E	-1.545 E	23.664	1434.3
31.00	31.20	29.414 E	-1.496 E	23.672	1435.0
32.00	32.35	29.423 E	-1.376 E	23.677	1435.6
33.00	33.30	29.430 E	-1.204 E	23.680	1436.5
34.00	34.30	29.438 E	-1.066 E	23.684	1437.1
35.00	35.30	29.456 E	-1.010 E	23.697	1437.5
36.00	36.30	29.475 D	-1.033 C	23.713	1437.4
37.00	37.25	29.494 D	-1.057 C	23.729	1437.3
38.00	38.35	29.506 D	-1.082 C	23.739	1437.2
39.00	39.30	29.515 D	-1.104 C	23.747	1437.2
40.00	40.30	29.521 D	-1.119 C	23.752	1437.1
41.00	41.40	29.525 D	-1.128 C	23.756	1437.1
42.00	42.40	29.527 D	-1.135 C	23.757	1437.1
43.00	43.35	29.529 D	-1.143 C	23.759	1437.1
44.00	44.40	29.531 D	-1.151 C	23.761	1437.0
45.00	45.45	29.533 D	-1.160 C	23.763	1437.0
46.00	46.40	29.536 D	-1.168 C	23.765	1437.0
47.00	47.40	29.538 D	-1.175 C	23.767	1437.0
48.00	48.50	29.539 D	-1.180 C	23.768	1437.0
49.00	49.50	29.541 D	-1.183 C	23.769	1437.0
50.00	50.50	29.542 D	-1.184 C	23.770	1437.0
51.00	51.50	29.543 D	-1.187 C	23.771	1437.0
52.00	52.55	29.544 D	-1.190 C	23.772	1437.0
53.00	53.55	29.545 D	-1.192 C	23.773	1437.0
54.00	54.45	29.546 D	-1.195 C	23.774	1437.0
55.00	55.55	29.547 D	-1.197 C	23.775	1437.0
56.00	56.50	29.548 D	-1.201 C	23.775	1437.0
57.00	57.55	29.550 D	-1.207 C	23.777	1437.0
58.00	58.60	29.551 D	-1.213 C	23.778	1437.0
59.00	59.55	29.553 D	-1.219 C	23.780	1437.0
60.00	60.50	29.554 D	-1.223 C	23.781	1437.0
61.00	61.60	29.555 D	-1.228 C	23.782	1437.0
62.00	62.60	29.557 D	-1.234 C	23.783	1437.0
63.00	63.55	29.558 D	-1.239 C	23.784	1437.0
64.00	64.65	29.560 D	-1.244 C	23.786	1437.0
65.00	65.60	29.561 D	-1.249 C	23.787	1437.0
66.00	66.65	29.563 D	-1.254 C	23.789	1437.0
67.00	67.60	29.564 D	-1.259 C	23.789	1437.0
68.00	68.70	29.565 D	-1.262 C	23.790	1437.0
69.00	69.65	29.565 D	-1.265 C	23.790	1437.0

EXPERIMENT 684



CRUISE 02-72-015		CB4	CAMBRIDGE BAY		EXPER. NO. 684
LAT. N69 06.5			LONG. W105 04.0		WATER DEPTH 82
DEPTH INCR. 1.00			DATE 140472		LOCAL TIME 0930
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.00	4.10	29.385 D	-1.572 C	23.649	1434.2
5.00	5.15	29.384 D	-1.572 C	23.648	1434.2
6.00	6.20	29.384 D	-1.572 C	23.648	1434.2
7.00	7.15	29.384 D	-1.573 C	23.648	1434.2
8.00	8.15	29.384 D	-1.573 C	23.648	1434.2
9.00	9.25	29.384 D	-1.572 C	23.648	1434.3
10.00	10.25	29.384 D	-1.572 C	23.648	1434.3
11.00	11.20	29.384 D	-1.573 C	23.648	1434.3
12.00	12.20	29.384 D	-1.573 C	23.648	1434.3
13.00	13.25	29.384 D	-1.573 C	23.648	1434.3
14.00	14.20	29.383 D	-1.573 C	23.648	1434.3
15.00	15.25	29.383 D	-1.573 C	23.648	1434.3
16.00	16.25	29.383 D	-1.573 C	23.648	1434.4
17.00	17.35	29.382 D	-1.572 C	23.647	1434.4
18.00	18.30	29.382 D	-1.573 C	23.647	1434.4
19.00	19.30	29.382 D	-1.573 C	23.647	1434.4
20.00	20.25	29.382 D	-1.574 C	23.647	1434.4
21.00	21.25	29.382 D	-1.574 C	23.647	1434.4
22.00	22.30	29.382 D	-1.574 C	23.647	1434.5
23.00	23.30	29.382 D	-1.574 C	23.647	1434.5
24.00	24.35	29.382 D	-1.573 C	23.647	1434.5
25.00	25.35	29.382 D	-1.573 C	23.647	1434.5
26.00	26.35	29.382 D	-1.573 C	23.647	1434.5
27.00	27.35	29.384 D	-1.573 C	23.648	1434.5
28.00	28.35	29.384 D	-1.573 C	23.648	1434.6
29.00	29.35	29.382 F	-1.551 F	23.646	1434.7
30.00	30.35	29.381 F	-1.516 F	23.645	1434.9
31.00	31.40	29.378 F	-1.460 F	23.642	1435.1
32.00	32.35	29.376 F	-1.344 F	23.639	1435.7
33.00	33.35	29.373 F	-1.187 F	23.634	1436.5
34.00	34.50	29.382 E	-1.051 F	23.639	1437.1
35.00	35.40	29.403 E	-1.005 E	23.655	1437.4
36.00	36.40	29.430 F	-1.022 F	23.677	1437.4
37.00	37.40	29.452 D	-1.048 C	23.695	1437.3
38.00	38.45	29.469 D	-1.072 C	23.709	1437.2
39.00	39.40	29.483 D	-1.092 C	23.721	1437.2
40.00	40.50	29.496 D	-1.109 C	23.732	1437.1
41.00	41.45	29.505 D	-1.120 C	23.739	1437.1
42.00	42.55	29.511 D	-1.128 C	23.744	1437.1
43.00	43.55	29.515 D	-1.135 C	23.748	1437.1
44.00	44.55	29.519 D	-1.143 C	23.751	1437.1
45.00	45.60	29.524 D	-1.152 C	23.755	1437.0
46.00	46.55	29.528 D	-1.161 C	23.759	1437.0
47.00	47.65	29.532 D	-1.169 C	23.762	1437.0
48.00	48.55	29.535 D	-1.177 C	23.765	1437.0
49.00	49.55	29.537 D	-1.180 C	23.766	1437.0
50.00	50.65	29.538 D	-1.182 C	23.767	1437.0
51.00	51.60	29.539 D	-1.183 C	23.768	1437.0
52.00	52.60	29.540 D	-1.185 C	23.769	1437.0
53.00	53.65	29.542 D	-1.189 C	23.770	1437.0
54.00	54.70	29.543 D	-1.192 C	23.771	1437.0
55.00	55.65	29.545 D	-1.195 C	23.773	1437.0
56.00	56.65	29.546 D	-1.200 C	23.774	1437.0
57.00	57.65	29.548 D	-1.205 C	23.776	1437.0
58.00	58.75	29.551 D	-1.212 C	23.778	1437.0
59.00	59.65	29.553 D	-1.218 C	23.780	1437.0
60.00	60.75	29.554 D	-1.223 C	23.781	1437.0
61.00	61.75	29.556 D	-1.229 C	23.782	1437.0
62.00	62.75	29.557 D	-1.234 C	23.783	1437.0
63.00	63.80	29.559 D	-1.241 C	23.785	1437.0
64.00	64.75	29.561 D	-1.247 C	23.787	1437.0
65.00	65.80	29.562 D	-1.252 C	23.788	1437.0
66.00	66.80	29.563 D	-1.255 C	23.789	1437.0
67.00	67.75	29.564 D	-1.258 C	23.789	1437.0
68.00	68.75	29.565 D	-1.261 C	23.790	1437.0
69.00	69.80	29.565 D	-1.263 C	23.790	1437.0

CAI EP 321

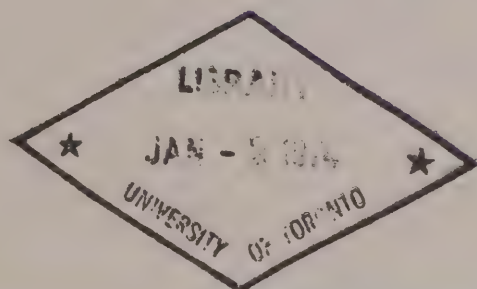
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Pacific Marine Science Report 73-10

OCEANOGRAPHIC DATA REPORT
D'IBERVILLE FIORD, ELLESMERE ISLAND, N.W.T.

March to April 1973

Frozen Sea Research Group



ENVIRONMENT CANADA
Fisheries and Marine Service
Marine Sciences Directorate
Pacific Region
1230 Government St.
Victoria, B.C.



MARINE SCIENCES DIRECTORATE, PACIFIC REGION
PACIFIC MARINE SCIENCE REPORT 73-10

OCEANOGRAPHIC DATA REPORT

D'IBERVILLE FIORD, ELLESMERE ISLAND, N.W.T.

MARCH TO APRIL 1973

BY

FROZEN SEA RESEARCH GROUP

VICTORIA, B.C.
MARINE SCIENCES DIRECTORATE, PACIFIC REGION
ENVIRONMENT CANADA
AUGUST, 1973

INTRODUCTION

D'Iberville Fiord, an appendage to the Nansen Sound-Greely Fiord system of northwestern Ellesmere Island is located at about 80° N., 80° W. as shown in Figure 1. It is about 35 km by 6 km with an area of 213 km². The fiord has a sill extending across its mouth with a maximum depth of 330 m., while the maximum depth in the fiord is about 560 m. One tongue of the large glacier capping the Victoria and Albert Mountains terminates in a shelf of glacial ice at the head of the fiord.

In about fifty per cent of summers the fiord remains largely covered with sea ice and icebergs from the glacier tend to be retained near the head of the fiord. In the remaining summers the fiord is largely clear of sea ice allowing icebergs to move down the fiord. At the time of the measurements the sea ice in the fiord was about 1.7 m. thick and was covered with about 30 cm. of snow.

Aspects of oceanography in the area have been reported on by Ford and Hattersley-Smith (1965) and Hattersley-Smith and Serson (1966). The Frozen Sea Research Group has been working in d'Iberville Fiord since 1969 and results of their oceanographic observations have been reviewed by Lake and Walker (1973).

This report contains a selection of oceanographic measurements made during late March and in April 1973. The location of the measurements are shown in Figure 1. Most were made just south of our base camp. One experiment (722) was made near the glacier snout, and two experiments (748 and 749) were made out in Greely Fiord.

Data recording

Conductivity (C), temperature (T) and pressure or depth (D) measurements were taken with Guildline Model 8101A CTD units. To monitor the accuracy of the CTD measurements water samples were taken from time to time with oceanographic bottles. These water samples were run through a Hytech Model 6220 bench salinometer calibrated with Standard Sea Water. Thermistors used to check water temperatures were calibrated in a triple point cell. Values obtained from bench salinometer and thermistor were compared to the CTD values obtained coincidentally and temperature and salinity corrections were determined. A detailed discussion of our methods of in situ measurements of conductivity and temperature can be found in Lewis and Sudar, 1972.

The principal recording system for output of the Guildline instrument was a Vidar 5400 data logger with printed and punched paper tape output.

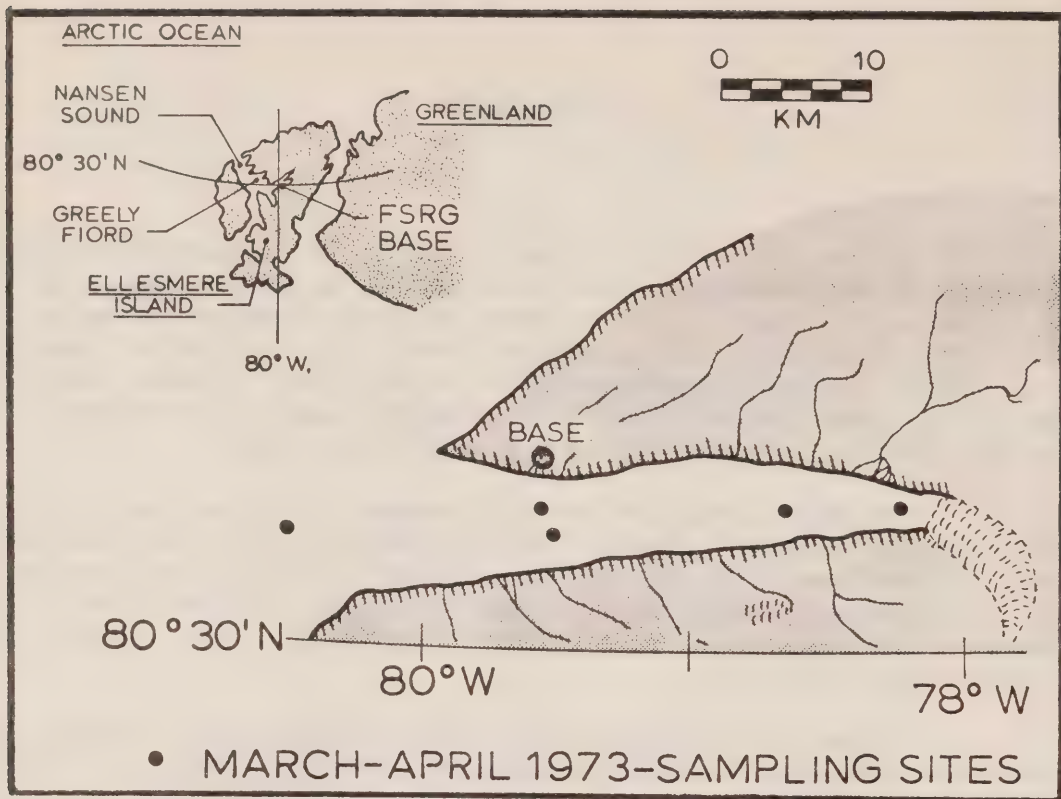


Figure 1

Data processing

Salinity values determined from CTD data occasionally indicated statically unstable water structure in regions of sharp vertical gradients. These instabilities could not be considered to reflect the true water structure but were rather an artifact of the measuring system. The main error source was the slow, sequential sampling of the sensor outputs. In addition the conductivity transducer has a time constant slightly slower than that of the thermometer at slow lowering rates, e.g. 0.2 m sec^{-1} . To produce physically acceptable density value levels where the increase of salinity with depth $\geq 0.01 \text{ ‰}$ were removed from the data.

Data processing - equations

(a) Salinity

The Perkin-Walker equation (Perkin and Walker, 1972) was used to calculate salinity (S) from values of conductivity (C), temperature (T) and pressure (P). The equation is a numerical fit to the experimental data of Brown and Allentoft with a linear pressure correction. The temperature values used are with respect to the International Practical Temperature Scale of 1968 (Comité International des poids et Mesures, 1969).

Where units are C(mmho/cm), T($^{\circ}\text{C.}$), P(db), S(‰) the equations used were:

$$C(S, T, 0) = C(S, T, P) \left[1 + P \left\{ 49436 + 1567T + 21.33T^2 + 554.43 C(S, T, P) \right\} \right]^{-1}$$

$$R_T = C(S, T, 0) \left[29.03916 \left(1 + .0297175T + .00015551T^2 - .000000789T^3 \right) \right]^{-1}$$

$$R_0 = R_T - 10^{-5} \left[6.0 + 380 \sin \pi \left(\frac{R_T + .04}{1.03} \right) + 15 \sin 3\pi \left(\frac{R_T + .04}{1.03} \right) \right]$$

$$\times \left\{ \begin{array}{l} .0717T - .000454T^2 \\ - .000018T^3 \end{array} \right\}$$

$$S = -.5933 + 32.4822 R_0 + 3.1106 R_0^2 + .004 \sin 2\pi \left(\frac{R_0 - .64}{.57} \right)$$

$$\text{FOR } 0.4 \leq R_0 \leq 1.2$$

$$S = -.2166 + 30.686 R_0 + 5.247 R_0^2$$

$$\text{FOR } 0.14 \leq R_0 \leq 0.4$$

A correction must be added to salinities calculated from the above equations where temperatures fall below +1.0° C. The correction, based on Dauphinee's work, is

$$\Delta S = \delta \left[(-3.6 + 5.0T - 2.45T^2) 10^{-3} \right]$$

$$\text{WHERE } \delta = 1 \text{ FOR } -2^\circ \leq T < 1^\circ \text{C}, \delta = 0 \text{ FOR } T \geq 1^\circ \text{C}$$

(b) Sigma τ

The sigma τ equation was taken from the work of Cox, McCartney and Culkin (1970).

$$\sigma_t = \sum_i \sum_j A_{ij} T^i S^j$$

i	j	A_{ij}
0	0	$8.00969062 \times 10^{-2}$
0	1	$7.97018644 \times 10^{-1}$
0	2	$1.31710842 \times 10^{-4}$
0	3	$-6.11831499 \times 10^{-8}$
1	0	$5.88194023 \times 10^{-2}$
1	1	$-3.25310441 \times 10^{-3}$
1	2	$2.87971530 \times 10^{-6}$
2	0	$-8.11465413 \times 10^{-3}$
2	1	$3.89187483 \times 10^{-5}$
3	0	$4.76600414 \times 10^{-5}$

(c) Sound velocity

Sound speed (V) was calculated using Wilson's (1960) equation where salinity (S) is in ‰, pressure (P) in db and V in msec⁻¹.

$$V = \sum_{ijk} V_{ijk} Q^i (S-35)^j T^k$$

where $Q = 1.00323 + 0.1019716 P$

and where

$$V_{000} = +1449.14$$

$$V_{110} = +7.7016 \times 10^{-5}$$

$$V_{001} = +4.5721$$

$$V_{111} = +3.1580 \times 10^{-8}$$

$$V_{002} = -4.4532 \times 10^{-2}$$

$$V_{112} = +1.5790 \times 10^{-9}$$

$$V_{003} = -2.6045 \times 10^{-4}$$

$$V_{004} = +7.9851 \times 10^{-6}$$

$$V_{200} = +1.0268 \times 10^{-5}$$

$$V_{201} = -2.5294 \times 10^{-7}$$

$$V_{010} = +1.39799$$

$$V_{202} = +1.8563 \times 10^{-9}$$

$$V_{011} = -1.1244 \times 10^{-2}$$

$$V_{012} = +7.7711 \times 10^{-7}$$

$$V_{210} = -1.2943 \times 10^{-7}$$

$$V_{020} = +1.69202 \times 10^{-3}$$

$$V_{300} = +3.5216 \times 10^{-9}$$

$$V_{301} = -1.9646 \times 10^{-10}$$

$$V_{100} = +1.60272 \times 10^{-1}$$

$$V_{101} = -1.8607 \times 10^{-4}$$

$$V_{400} = -3.3603 \times 10^{-12}$$

$$V_{102} = +7.4812 \times 10^{-6}$$

$$V_{103} = +4.5283 \times 10^{-8}$$

Data format

Cruise: Cruise number assigned by C.O.D.C.

Title: Location description

Experiment No.: Experiment Number. Each CTD drop was assigned a unique experiment number. Listing is chronological, not by experiment number.

Lat.: Latitude of experimental site

Long.: Longitude of experimental site

Water depth: In meters

Depth Incr.: Vertical increment in meters between sequential readings.

Date: DDMMYY

Local Time: HHMM

Depth: Corresponds to depth of the CTD transducers below water level as indicated by wire length. This is equivalent to depth as currents were negligible. The first depth is noted and the remaining depths are calculated.

Press: Pressure in decibars as read by the CTD pressure transducer.

Press 1: Pressure in decibars. Pressure transducer was malfunctioning so that values of depth were substituted for pressure values.

Sal.: Salinity in parts per thousand (‰). The letter following the numerical value indicates the accuracy assigned to the value as discussed below.

Temp.: Temperature in degrees Centigrade (°C.). The letter following the numerical value indicates the accuracy assigned to the value as discussed below.

Sigmat: Specific gravity anomaly

Sound: Speed of propagation of sound in water in msec^{-1} .

Accuracy

The error estimate letter coding after temperature and salinity values is adapted from that used by C.O.D.C. Larger inaccuracies reflect the data processing discussed above and occur in regions of vertical gradients. Accuracies indicated in vertically homogeneous water should correspond to the best accuracy possible with the CTD system used. In this vertically homogeneous water accuracy is determined by comparison of CTD data and bottle and thermistor measurements as outlined above. In areas of vertical gradients the accuracy values assigned are subjective.

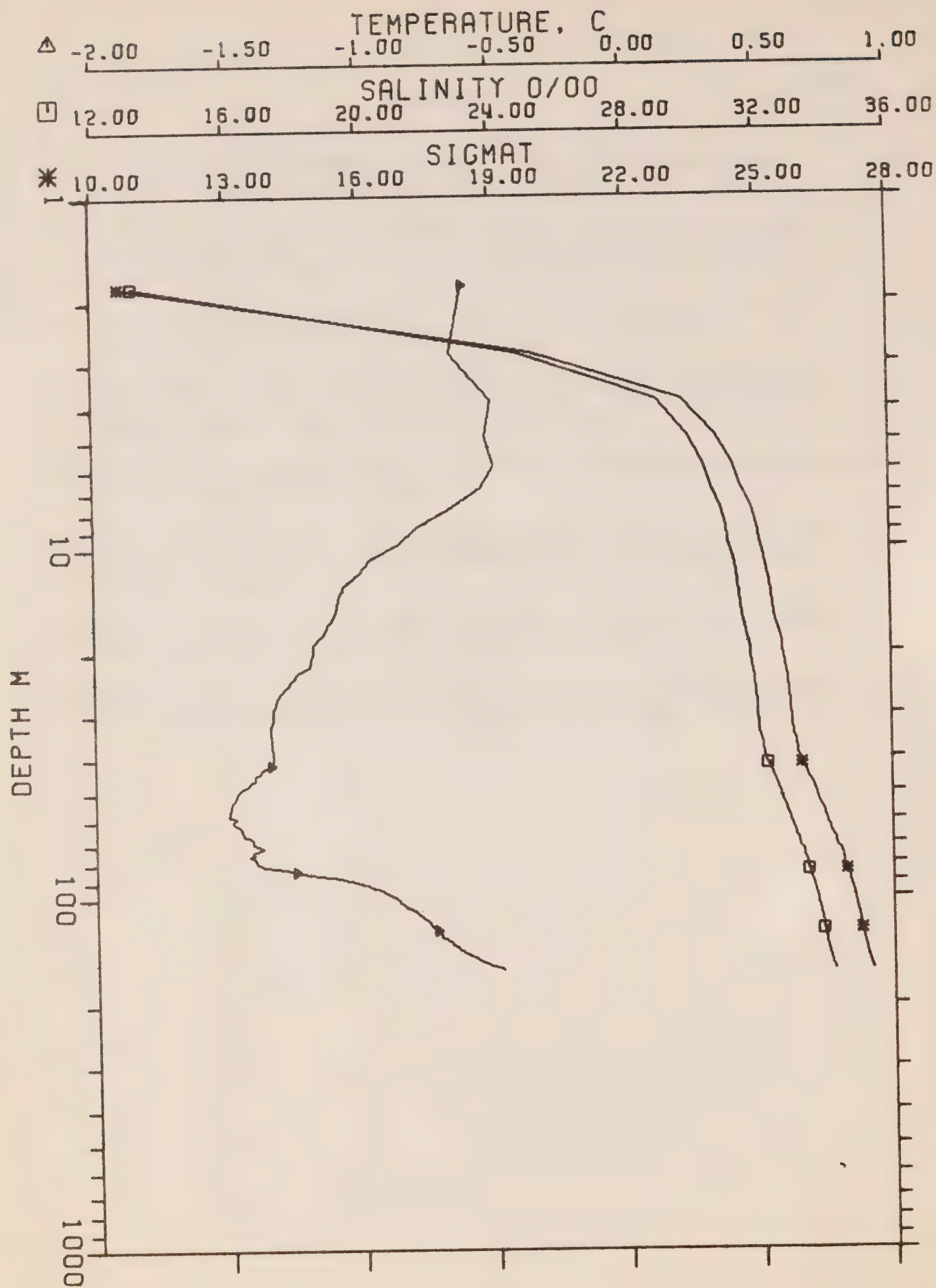
The numerical value indicated in the table below corresponds to the last (in this case the third) decimal place. Thus salinity accuracies of ± 0.005 and ± 0.05 appear as C and F respectively.

<u>Possible Error</u>	<u>Code Letter</u>
± 0.005	C
± 0.010	D
± 0.020	E
± 0.050	F

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EXPERIMENT 703



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 703

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 310373

LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
1.8	1.76	13.222 E	-0.599 D	10.628	1416.8
2.8	2.83	24.765 E	-0.652 D	19.908	1432.1
3.8	3.78	29.017 E	-0.497 D	23.331	1438.7
4.8	4.83	29.920 E	-0.518 D	24.060	1439.9
5.8	5.86	30.412 E	-0.483 D	24.456	1440.8
6.8	6.87	30.656 E	-0.540 D	24.654	1440.9
7.8	7.87	30.919 E	-0.661 D	24.870	1440.7
8.8	8.87	31.065 E	-0.785 D	24.992	1440.3
9.8	9.95	31.138 E	-0.852 D	25.053	1440.1
10.8	10.97	31.270 E	-0.962 D	25.162	1439.8
11.8	11.98	31.344 E	-1.002 D	25.223	1439.7
12.8	12.99	31.392 E	-1.055 D	25.263	1439.6
13.8	14.04	31.433 E	-1.078 D	25.297	1439.5
14.8	15.08	31.462 E	-1.084 D	25.320	1439.6
15.8	16.08	31.512 E	-1.099 D	25.361	1439.6
16.8	17.08	31.594 E	-1.124 D	25.428	1439.6
17.8	18.07	31.649 E	-1.140 D	25.473	1439.6
18.8	19.14	31.723 E	-1.176 D	25.534	1439.6
19.8	20.13	31.746 E	-1.176 D	25.552	1439.6
20.8	21.16	31.770 E	-1.186 D	25.572	1439.6
21.8	22.17	31.793 E	-1.191 D	25.590	1439.6
22.8	23.20	31.844 E	-1.236 D	25.633	1439.5
23.8	24.23	31.863 E	-1.255 D	25.649	1439.5
24.8	25.25	31.874 E	-1.276 D	25.659	1439.4
25.8	26.19	31.901 E	-1.294 D	25.681	1439.4
26.8	27.30	31.927 E	-1.314 D	25.702	1439.3
27.8	28.26	31.944 E	-1.322 D	25.716	1439.3
28.8	29.33	31.949 E	-1.328 D	25.720	1439.3
29.8	30.30	31.961 E	-1.329 D	25.730	1439.4
30.8	31.27	31.972 E	-1.331 D	25.739	1439.4
31.8	32.33	31.984 E	-1.339 D	25.749	1439.4
32.8	33.34	31.997 E	-1.342 D	25.760	1439.4
33.8	34.37	32.019 E	-1.340 D	25.777	1439.5
34.8	35.36	32.037 E	-1.337 D	25.792	1439.5
35.8	36.44	32.079 E	-1.333 D	25.825	1439.6
36.8	37.43	32.105 E	-1.333 D	25.847	1439.7
37.8	38.46	32.118 E	-1.332 D	25.857	1439.7
38.8	39.52	32.142 E	-1.332 D	25.877	1439.8
39.8	40.52	32.165 E	-1.331 D	25.895	1439.8
40.8	41.47	32.210 E	-1.337 D	25.932	1439.9
41.8	42.50	32.247 E	-1.342 D	25.962	1439.9
42.8	43.50	32.310 E	-1.373 D	26.014	1439.9
43.8	44.55	32.367 E	-1.385 D	26.060	1439.9
44.8	45.60	32.390 E	-1.398 D	26.079	1439.9
45.8	46.65	32.430 E	-1.401 D	26.111	1439.9
46.8	47.60	32.484 E	-1.418 D	26.156	1440.0
47.8	48.65	32.533 E	-1.434 D	26.196	1440.0
48.8	49.75	32.578 E	-1.454 D	26.233	1440.0
49.8	50.70	32.609 E	-1.469 D	26.258	1439.9
50.8	51.75	32.631 E	-1.473 D	26.276	1440.0
51.8	52.75	32.660 E	-1.478 D	26.299	1440.0
52.8	53.80	32.689 E	-1.487 D	26.323	1440.0
53.8	54.75	32.723 E	-1.494 D	26.351	1440.1
54.8	55.80	32.760 E	-1.494 D	26.381	1440.1
55.8	56.85	32.791 E	-1.500 D	26.406	1440.2
56.8	57.85	32.818 E	-1.496 D	26.428	1440.2
57.8	58.80	32.857 E	-1.504 D	26.460	1440.3
58.8	59.90	32.872 E	-1.471 D	26.471	1440.5
59.8	60.95	32.910 E	-1.487 D	26.502	1440.5
60.8	61.95	32.932 E	-1.478 D	26.520	1440.5
61.8	62.95	32.963 E	-1.467 D	26.545	1440.7
62.8	63.95	32.982 E	-1.455 D	26.559	1440.8
63.8	65.00	33.012 E	-1.457 D	26.584	1440.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
64.8	66.05	33.037 E	-1.443 D	26.604	1440.9
65.8	67.00	33.067 E	-1.447 D	26.629	1441.0
66.8	68.00	33.077 E	-1.413 D	26.635	1441.2
67.8	69.00	33.127 E	-1.411 D	26.676	1441.2
68.8	70.05	33.159 E	-1.408 D	26.702	1441.3
69.8	71.10	33.178 E	-1.404 D	26.718	1441.4
70.8	72.10	33.184 E	-1.391 D	26.722	1441.5
71.8	73.15	33.213 E	-1.372 D	26.745	1441.6
72.8	74.15	33.268 E	-1.402 D	26.790	1441.6
73.8	75.20	33.302 E	-1.413 D	26.818	1441.6
74.8	76.15	33.309 E	-1.406 D	26.823	1441.6
75.8	77.20	33.340 E	-1.426 D	26.849	1441.6
76.8	78.05	33.336 E	-1.398 D	26.845	1441.8
79.8	81.35	33.388 E	-1.392 D	26.887	1441.9
80.8	82.30	33.407 E	-1.363 D	26.901	1442.1
81.8	83.30	33.412 E	-1.324 D	26.904	1442.3
82.8	84.40	33.438 E	-1.291 D	26.924	1442.5
83.8	85.35	33.456 E	-1.250 D	26.938	1442.7
84.8	86.45	33.468 E	-1.222 D	26.947	1442.9
85.8	87.35	33.492 E	-1.163 D	26.964	1443.2
86.8	88.50	33.498 E	-1.114 D	26.968	1443.5
87.8	89.40	33.534 E	-1.081 D	26.996	1443.7
88.8	90.45	33.538 E	-1.052 D	26.998	1443.9
89.8	91.50	33.542 E	-1.015 D	27.000	1444.1
90.8	92.50	33.565 E	-1.017 D	27.019	1444.1
91.8	93.50	33.583 E	-0.983 D	27.032	1444.3
92.8	94.60	33.596 E	-0.967 D	27.042	1444.4
93.8	95.60	33.615 E	-0.949 D	27.057	1444.5
94.8	96.55	33.628 E	-0.932 D	27.067	1444.6
95.8	97.60	33.644 E	-0.919 D	27.079	1444.7
96.8	98.65	33.655 E	-0.905 D	27.088	1444.8
97.8	99.65	33.666 E	-0.893 D	27.097	1444.9
98.8	100.65	33.681 E	-0.882 D	27.108	1445.0
99.8	101.75	33.691 E	-0.873 D	27.116	1445.1
100.8	102.70	33.702 E	-0.865 D	27.125	1445.2
101.8	103.80	33.710 E	-0.859 D	27.131	1445.2
102.8	104.70	33.719 E	-0.854 D	27.138	1445.3
103.8	105.80	33.728 E	-0.847 D	27.145	1445.3
104.8	106.80	33.736 E	-0.839 D	27.151	1445.4
105.8	107.80	33.744 D	-0.833 C	27.158	1445.5
106.8	108.85	33.756 D	-0.824 C	27.167	1445.5
107.8	109.90	33.770 D	-0.813 C	27.177	1445.6
108.8	110.80	33.783 D	-0.804 C	27.188	1445.7
109.8	111.85	33.791 D	-0.796 C	27.194	1445.8
110.8	112.90	33.804 D	-0.790 C	27.204	1445.8
111.8	113.95	33.809 D	-0.784 C	27.208	1445.9
112.8	114.95	33.820 D	-0.779 C	27.216	1445.9
113.8	115.90	33.828 D	-0.772 C	27.223	1446.0
114.8	117.05	33.837 D	-0.765 C	27.230	1446.1
115.8	118.05	33.844 D	-0.761 C	27.236	1446.1
116.8	119.10	33.853 D	-0.752 C	27.242	1446.2
117.8	120.00	33.863 D	-0.746 C	27.250	1446.2
118.8	121.00	33.870 D	-0.743 C	27.256	1446.3
119.8	122.05	33.875 D	-0.739 C	27.259	1446.3
120.8	123.10	33.881 D	-0.735 C	27.264	1446.4
121.8	124.15	33.888 D	-0.730 C	27.270	1446.4
122.8	125.15	33.891 D	-0.726 C	27.272	1446.4
123.8	126.20	33.898 D	-0.721 C	27.277	1446.5
124.8	127.20	33.905 D	-0.717 C	27.283	1446.5
125.8	128.25	33.911 D	-0.712 C	27.288	1446.6
126.8	129.25	33.918 D	-0.706 C	27.293	1446.6
127.8	130.30	33.923 D	-0.702 C	27.297	1446.7
128.8	131.25	33.929 D	-0.699 C	27.301	1446.7
129.8	132.25	33.932 D	-0.695 C	27.304	1446.8
130.8	133.30	33.941 D	-0.687 C	27.311	1446.8
131.8	134.35	33.950 D	-0.682 C	27.318	1446.9
132.8	135.40	33.957 D	-0.673 C	27.323	1447.0
133.8	136.45	33.966 D	-0.667 C	27.331	1447.0
134.8	137.45	33.973 D	-0.663 C	27.336	1447.1
135.8	138.40	33.979 D	-0.658 C	27.340	1447.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
136.8	139.50	33.988 D	-0.650 C	27.347	1447.2
137.8	140.50	33.995 D	-0.647 C	27.353	1447.2
138.8	141.45	33.999 D	-0.641 C	27.356	1447.3
139.8	142.45	34.006 D	-0.634 C	27.361	1447.3
140.8	143.55	34.017 D	-0.628 C	27.370	1447.4
141.8	144.30	34.024 D	-0.620 C	27.375	1447.4
142.8	145.25	34.034 D	-0.614 C	27.383	1447.5
143.8	146.20	34.040 D	-0.609 C	27.388	1447.5
144.8	147.45	34.047 D	-0.603 C	27.393	1447.6
145.8	148.50	34.057 D	-0.595 C	27.401	1447.7
146.8	149.30	34.064 D	-0.587 C	27.407	1447.7
147.8	150.35	34.073 D	-0.577 C	27.413	1447.8
148.8	151.40	34.083 D	-0.571 C	27.421	1447.9
149.8	152.30	34.093 D	-0.563 C	27.429	1447.9
150.8	153.30	34.100 D	-0.558 C	27.434	1448.0
151.8	154.40	34.106 D	-0.549 C	27.439	1448.0
152.8	155.40	34.122 D	-0.540 C	27.451	1448.1
153.8	156.35	34.129 D	-0.534 C	27.457	1448.2
154.8	157.40	34.139 D	-0.525 C	27.465	1448.3
155.8	158.60	34.148 D	-0.516 C	27.471	1448.3
156.8	159.65	34.164 D	-0.503 C	27.483	1448.4
157.8	160.60	34.173 D	-0.491 C	27.490	1448.5
158.8	161.50	34.190 D	-0.480 C	27.503	1448.6
159.8	162.55	34.199 D	-0.468 C	27.511	1448.7

EXPERIMENT 1710

TEMPERATURE, C

▲ -2.00 -1.50 -1.00 -0.50 0.00 0.50 1.00

SALINITY ‰

□ 12.00 16.00 20.00 24.00 28.00 32.00 36.00

SIGMAT

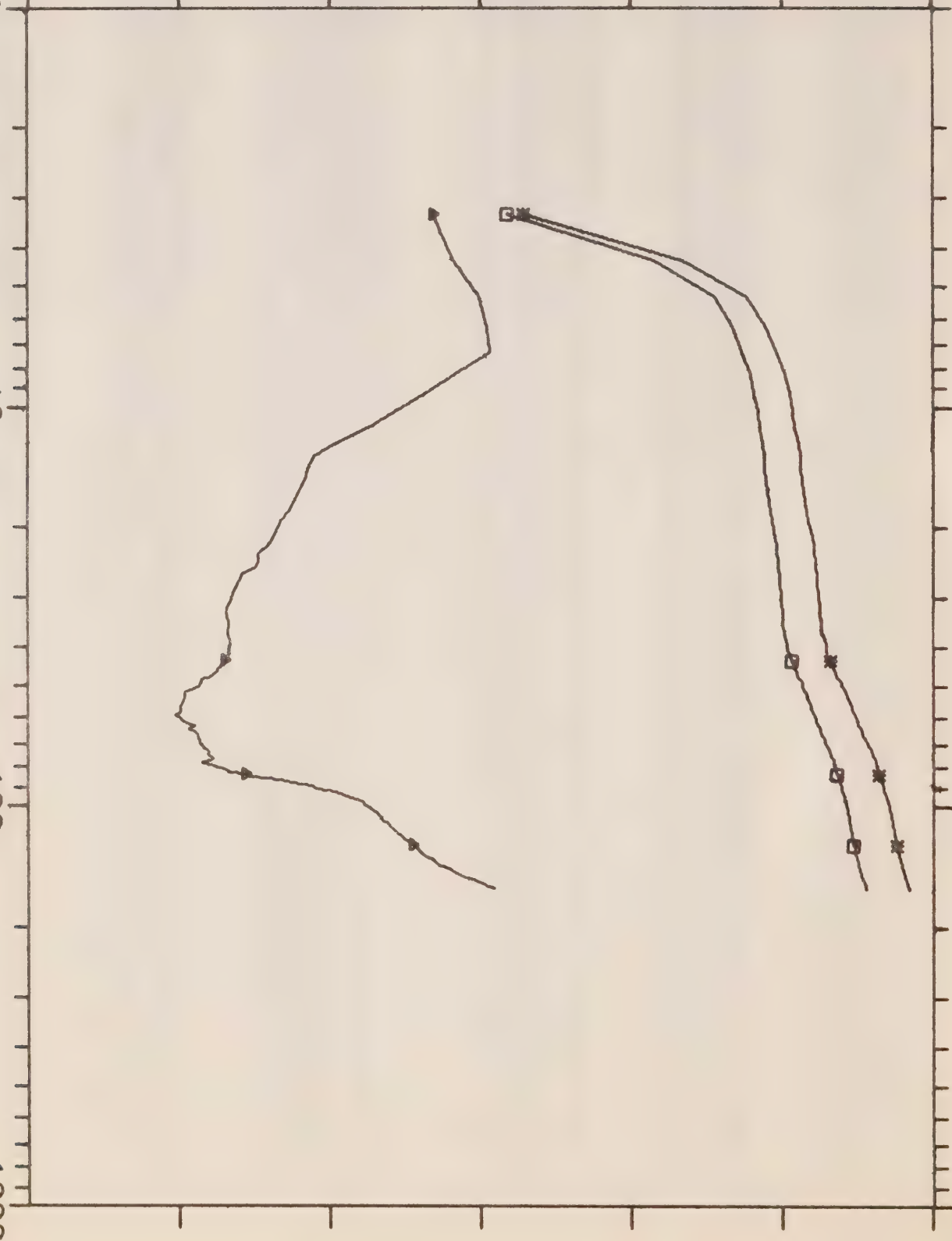
* 10.00 13.00 16.00 19.00 22.00 25.00 28.00

DEPTH M

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CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 1710

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 020473

LOCAL TIME 1030

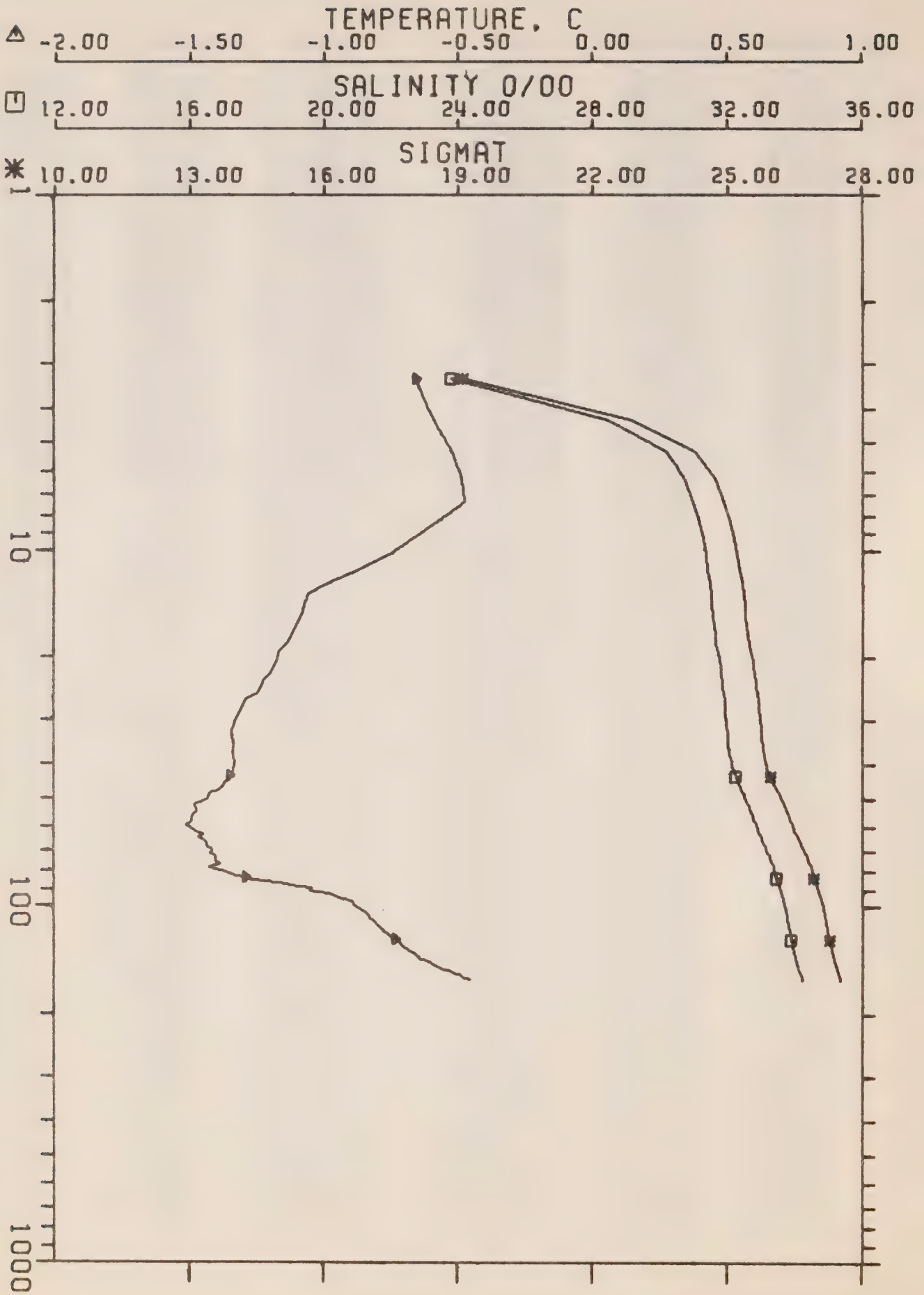
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.3	3.27	24.706 E	-0.656 D	19.860	1432.0
4.3	4.29	28.615 E	-0.583 D	23.010	1437.8
5.3	5.40	30.208 E	-0.501 D	24.291	1440.4
6.3	6.35	30.687 E	-0.476 D	24.677	1441.2
7.3	7.37	30.937 E	-0.467 D	24.878	1441.6
8.3	8.41	31.142 E	-0.585 D	25.048	1441.4
9.3	9.46	31.260 E	-0.687 D	25.146	1441.1
10.3	10.47	31.349 E	-0.784 D	25.221	1440.7
11.3	11.49	31.383 E	-0.874 D	25.251	1440.4
12.3	12.48	31.468 E	-0.981 D	25.322	1440.0
13.3	13.49	31.517 E	-1.056 D	25.364	1439.8
14.3	14.49	31.530 E	-1.076 D	25.375	1439.7
15.3	15.51	31.550 E	-1.086 D	25.392	1439.7
16.3	16.57	31.592 E	-1.106 D	25.426	1439.7
17.3	17.57	31.626 E	-1.121 D	25.454	1439.7
18.3	18.62	31.664 E	-1.141 D	25.485	1439.6
19.3	19.64	31.701 E	-1.166 D	25.516	1439.6
20.3	20.60	31.760 E	-1.179 D	25.564	1439.6
21.3	21.61	31.789 E	-1.191 D	25.588	1439.6
22.3	22.66	31.827 E	-1.211 D	25.619	1439.6
23.3	23.71	31.852 E	-1.238 D	25.639	1439.5
24.3	24.68	31.869 E	-1.237 D	25.653	1439.6
25.3	25.66	31.886 E	-1.250 D	25.667	1439.6
26.3	26.75	31.913 E	-1.295 D	25.691	1439.4
27.3	27.77	31.918 E	-1.307 D	25.694	1439.4
28.3	28.74	31.927 E	-1.315 D	25.702	1439.4
29.3	29.79	31.940 E	-1.325 D	25.713	1439.3
30.3	30.83	31.960 E	-1.332 D	25.730	1439.4
31.3	31.81	31.977 E	-1.340 D	25.743	1439.4
32.3	32.82	31.989 E	-1.344 D	25.753	1439.4
33.3	33.82	31.993 E	-1.346 D	25.756	1439.4
34.3	34.82	32.008 E	-1.333 D	25.768	1439.5
35.3	35.87	32.016 E	-1.334 D	25.775	1439.5
36.3	36.88	32.033 E	-1.341 D	25.789	1439.5
37.3	37.90	32.052 E	-1.340 D	25.804	1439.6
38.3	38.89	32.085 E	-1.332 D	25.831	1439.7
39.3	39.90	32.124 E	-1.332 D	25.862	1439.7
40.3	40.94	32.138 E	-1.334 D	25.873	1439.8
41.3	41.97	32.151 E	-1.335 D	25.884	1439.8
42.3	43.01	32.205 E	-1.342 D	25.927	1439.9
43.3	44.06	32.241 E	-1.348 D	25.957	1439.9
44.3	45.08	32.285 E	-1.359 D	25.993	1439.9
45.3	46.12	32.329 E	-1.374 D	26.029	1439.9
46.3	47.06	32.368 E	-1.379 D	26.061	1440.0
47.3	48.11	32.410 E	-1.393 D	26.095	1440.0
48.3	49.15	32.483 E	-1.430 D	26.155	1439.9
49.3	50.19	32.500 E	-1.429 D	26.169	1440.0
50.3	51.17	32.533 E	-1.442 D	26.196	1440.0
51.3	52.15	32.577 E	-1.463 D	26.232	1440.0
52.3	53.21	32.624 E	-1.487 D	26.270	1439.9
53.3	54.27	32.645 E	-1.479 D	26.287	1440.0
54.3	55.25	32.698 E	-1.492 D	26.331	1440.0
55.3	56.23	32.735 E	-1.494 D	26.361	1440.1
56.3	57.30	32.759 E	-1.499 D	26.381	1440.1
57.3	58.34	32.772 E	-1.496 D	26.390	1440.2
58.3	59.31	32.811 E	-1.496 D	26.422	1440.2
59.3	60.33	32.848 E	-1.516 D	26.453	1440.2
60.3	61.40	32.861 E	-1.497 D	26.463	1440.3
61.3	62.35	32.889 E	-1.483 D	26.485	1440.5
62.3	63.45	32.925 E	-1.462 D	26.514	1440.6
63.3	64.45	32.941 E	-1.443 D	26.526	1440.8
64.3	65.40	32.982 E	-1.468 D	26.560	1440.7
65.3	66.55	33.007 E	-1.447 D	26.580	1440.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
66.3	67.50	33.034 E	-1.433 D	26.601	1441.0
67.3	68.50	33.062 E	-1.438 D	26.624	1441.0
68.3	69.50	33.102 E	-1.430 D	26.656	1441.1
69.3	70.55	33.131 E	-1.429 D	26.679	1441.2
70.3	71.60	33.169 E	-1.418 D	26.710	1441.3
71.3	72.55	33.198 E	-1.421 D	26.734	1441.4
72.3	73.60	33.229 E	-1.405 D	26.758	1441.5
73.3	74.60	33.242 E	-1.402 D	26.769	1441.5
74.3	75.60	33.277 E	-1.403 D	26.797	1441.6
75.3	76.65	33.294 E	-1.395 D	26.811	1441.7
76.3	77.65	33.344 E	-1.384 D	26.852	1441.8
77.3	78.75	33.352 E	-1.417 D	26.858	1441.7
78.3	79.70	33.371 E	-1.423 D	26.874	1441.7
79.3	80.75	33.375 E	-1.394 D	26.876	1441.9
80.3	81.75	33.390 E	-1.364 D	26.888	1442.0
81.3	82.80	33.407 E	-1.347 D	26.901	1442.2
82.3	83.75	33.425 E	-1.329 D	26.915	1442.3
83.3	84.80	33.439 E	-1.281 D	26.925	1442.6
84.3	85.80	33.462 E	-1.255 D	26.943	1442.7
85.3	86.85	33.473 E	-1.213 D	26.951	1443.0
86.3	87.90	33.477 E	-1.166 D	26.952	1443.2
87.3	88.85	33.529 E	-1.126 D	26.993	1443.5
89.3	90.90	33.566 E	-1.057 D	27.021	1443.9
90.3	92.00	33.565 E	-1.045 D	27.020	1444.0
91.3	92.90	33.572 E	-1.007 D	27.024	1444.2
92.3	93.95	33.594 E	-0.986 D	27.041	1444.3
93.3	95.05	33.609 E	-0.966 D	27.053	1444.4
94.3	96.00	33.624 E	-0.947 D	27.064	1444.6
95.3	97.05	33.639 E	-0.926 D	27.076	1444.7
96.3	98.10	33.656 E	-0.909 D	27.089	1444.8
97.3	99.05	33.672 E	-0.895 D	27.102	1444.9
98.3	100.10	33.684 E	-0.886 D	27.111	1445.0
99.3	101.15	33.693 E	-0.877 D	27.118	1445.1
100.3	102.15	33.702 E	-0.870 D	27.125	1445.1
101.3	103.15	33.710 E	-0.862 D	27.131	1445.2
102.3	104.20	33.720 E	-0.855 D	27.139	1445.3
103.3	105.20	33.730 E	-0.848 D	27.147	1445.3
104.3	106.20	33.738 E	-0.841 D	27.153	1445.4
105.3	107.25	33.748 D	-0.836 C	27.161	1445.4
106.3	108.20	33.756 D	-0.831 C	27.167	1445.5
107.3	109.30	33.761 D	-0.826 C	27.171	1445.5
108.3	110.30	33.767 D	-0.821 C	27.176	1445.6
109.3	111.30	33.776 D	-0.813 C	27.183	1445.7
110.3	112.35	33.787 D	-0.804 C	27.191	1445.7
111.3	113.35	33.794 D	-0.802 C	27.196	1445.8
112.3	114.35	33.798 D	-0.796 C	27.200	1445.8
113.3	115.45	33.806 D	-0.790 C	27.206	1445.9
114.3	116.40	33.816 D	-0.784 C	27.214	1445.9
115.3	117.45	33.822 D	-0.778 C	27.218	1446.0
116.3	118.45	33.828 D	-0.775 C	27.223	1446.0
117.3	119.50	33.836 D	-0.768 C	27.229	1446.1
118.3	120.50	33.846 D	-0.760 C	27.237	1446.1
119.3	121.55	33.855 D	-0.754 C	27.244	1446.2
120.3	122.55	33.862 D	-0.749 C	27.250	1446.3
121.3	123.55	33.870 D	-0.743 C	27.256	1446.3
122.3	124.65	33.878 D	-0.737 C	27.262	1446.4
123.3	125.55	33.884 D	-0.732 C	27.266	1446.4
124.3	126.65	33.892 D	-0.725 C	27.273	1446.5
125.3	127.65	33.902 D	-0.720 C	27.280	1446.5
126.3	128.65	33.908 D	-0.713 C	27.286	1446.6
127.3	129.65	33.916 D	-0.709 C	27.292	1446.6
128.3	130.70	33.921 D	-0.706 C	27.296	1446.7
129.3	131.70	33.927 D	-0.702 C	27.300	1446.7
130.3	132.80	33.932 D	-0.697 C	27.304	1446.8
131.3	133.70	33.939 D	-0.691 C	27.309	1446.8
132.3	134.80	33.947 D	-0.684 C	27.316	1446.9
133.3	135.80	33.956 D	-0.678 C	27.323	1446.9
134.3	136.80	33.962 D	-0.672 C	27.328	1447.0
135.3	137.85	33.971 D	-0.664 C	27.334	1447.1
136.3	138.85	33.983 D	-0.655 C	27.343	1447.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
137.3	139.85	33.991 D	-0.650 C	27.350	1447.2
138.3	140.90	33.998 D	-0.644 C	27.356	1447.2
139.3	141.90	34.003 D	-0.640 C	27.360	1447.3
140.3	142.95	34.011 D	-0.634 C	27.366	1447.3
141.3	143.95	34.018 D	-0.624 C	27.370	1447.4
142.3	144.85	34.034 D	-0.614 C	27.383	1447.5
143.3	145.80	34.044 D	-0.604 C	27.391	1447.6
144.3	146.90	34.055 D	-0.597 C	27.399	1447.6
145.3	147.90	34.063 D	-0.590 C	27.406	1447.7
146.3	149.00	34.072 D	-0.585 C	27.413	1447.7
147.3	149.85	34.079 D	-0.579 C	27.418	1447.8
148.3	150.80	34.087 D	-0.571 C	27.424	1447.9
149.3	151.80	34.098 D	-0.561 C	27.432	1447.9
150.3	152.90	34.109 D	-0.547 C	27.441	1448.0
151.3	154.00	34.123 D	-0.538 C	27.452	1448.1
152.3	154.90	34.134 D	-0.526 C	27.460	1448.2
153.3	155.85	34.150 D	-0.516 C	27.473	1448.3
154.3	156.95	34.158 D	-0.506 C	27.479	1448.4
155.3	158.00	34.175 D	-0.496 C	27.492	1448.5
156.3	159.10	34.182 D	-0.488 C	27.498	1448.5
157.3	159.95	34.191 D	-0.481 C	27.504	1448.6
158.3	161.15	34.198 D	-0.474 C	27.509	1448.6
159.3	162.15	34.205 D	-0.466 C	27.516	1448.7
160.3	163.15	34.215 D	-0.452 C	27.523	1448.8

EXPERIMENT 2710

DEPTH M



CRUISE 15-73-012

O'IBERVILLE FIORD-73

EXPER. NO. 2710

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 020473

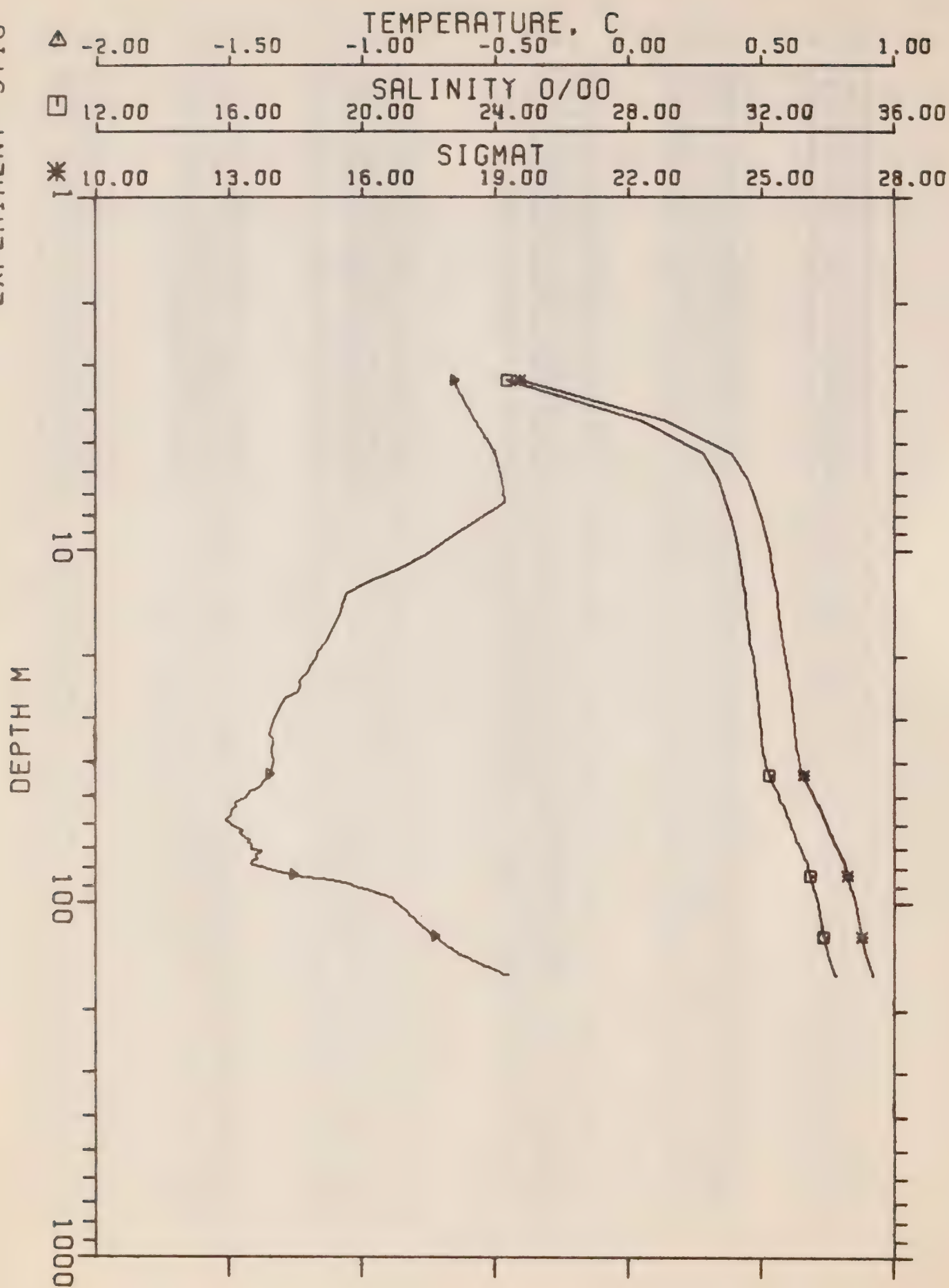
LOCAL TIME 1040

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.3	3.34	23.790 E	-0.657 D	19.123	1430.8
4.3	4.38	28.435 E	-0.585 D	22.864	1437.5
5.3	5.39	30.197 E	-0.515 D	24.283	1440.3
6.3	6.45	30.735 E	-0.479 D	24.716	1441.3
7.3	7.43	30.958 E	-0.469 D	24.896	1441.6
8.3	8.46	31.158 E	-0.573 D	25.060	1441.4
9.3	9.45	31.275 E	-0.670 D	25.158	1441.2
10.3	10.45	31.351 E	-0.757 D	25.222	1440.9
11.3	11.51	31.410 E	-0.864 D	25.272	1440.5
12.3	12.54	31.472 E	-0.980 D	25.326	1440.0
13.3	13.58	31.518 E	-1.058 D	25.365	1439.7
14.3	14.60	31.537 E	-1.076 D	25.381	1439.7
15.3	15.57	31.552 E	-1.086 D	25.393	1439.7
16.3	16.57	31.596 E	-1.104 D	25.429	1439.7
17.3	17.59	31.620 E	-1.120 D	25.449	1439.7
18.3	18.65	31.655 E	-1.141 D	25.478	1439.6
19.3	19.69	31.703 E	-1.169 D	25.517	1439.6
20.3	20.63	31.751 E	-1.175 D	25.557	1439.6
21.3	21.68	31.785 E	-1.192 D	25.584	1439.6
22.3	22.71	31.810 E	-1.204 D	25.605	1439.6
23.3	23.76	31.842 E	-1.232 D	25.631	1439.5
24.3	24.73	31.855 E	-1.235 D	25.642	1439.6
25.3	25.70	31.878 E	-1.248 D	25.661	1439.6
26.3	26.78	31.901 E	-1.295 D	25.681	1439.4
27.3	27.83	31.911 E	-1.307 D	25.689	1439.4
28.3	28.82	31.921 E	-1.316 D	25.698	1439.3
29.3	29.83	31.934 E	-1.326 D	25.708	1439.3
30.3	30.83	31.957 E	-1.333 D	25.727	1439.3
31.3	31.84	31.978 E	-1.341 D	25.744	1439.4
32.3	32.89	31.982 E	-1.344 D	25.748	1439.4
33.3	33.92	31.989 E	-1.346 D	25.753	1439.4
34.3	34.95	31.999 E	-1.336 D	25.761	1439.5
35.3	35.95	32.011 E	-1.334 D	25.770	1439.5
36.3	36.94	32.031 E	-1.339 D	25.787	1439.5
37.3	37.97	32.046 E	-1.340 D	25.799	1439.6
38.3	38.96	32.077 E	-1.333 D	25.824	1439.6
39.3	39.96	32.107 E	-1.331 D	25.849	1439.7
40.3	40.97	32.135 E	-1.334 D	25.871	1439.8
41.3	41.97	32.146 E	-1.338 D	25.880	1439.8
42.3	43.00	32.198 E	-1.341 D	25.922	1439.8
43.3	44.02	32.242 E	-1.348 D	25.958	1439.9
44.3	45.02	32.281 E	-1.359 D	25.990	1439.9
45.3	46.08	32.328 E	-1.376 D	26.028	1439.9
46.3	47.10	32.367 E	-1.379 D	26.060	1440.0
47.3	48.11	32.416 E	-1.396 D	26.100	1440.0
48.3	49.12	32.479 E	-1.428 D	26.152	1439.9
49.3	50.15	32.499 E	-1.428 D	26.168	1440.0
50.3	51.17	32.525 E	-1.438 D	26.190	1440.0
51.3	52.18	32.571 E	-1.463 D	26.227	1439.9
52.3	53.18	32.624 E	-1.484 D	26.270	1439.9
53.3	54.21	32.653 E	-1.476 D	26.294	1440.0
54.3	55.24	32.694 E	-1.476 D	26.327	1440.1
55.3	56.26	32.728 E	-1.490 D	26.355	1440.1
56.3	57.30	32.758 E	-1.496 D	26.379	1440.1
57.3	58.34	32.774 E	-1.493 D	26.393	1440.2
58.3	59.37	32.822 E	-1.501 D	26.431	1440.2
59.3	60.41	32.849 E	-1.517 D	26.453	1440.2
60.3	61.45	32.868 E	-1.497 D	26.468	1440.4
61.3	62.45	32.888 E	-1.481 D	26.485	1440.5
62.3	63.45	32.930 E	-1.463 D	26.518	1440.6
63.3	64.45	32.953 E	-1.445 D	26.536	1440.8
64.3	65.45	32.987 E	-1.469 D	26.564	1440.7
65.3	66.50	33.013 E	-1.443 D	26.585	1440.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
66.3	67.50	33.046 E	-1.434 D	26.611	1441.0
67.3	68.50	33.071 E	-1.433 D	26.632	1441.1
68.3	69.55	33.104 E	-1.429 D	26.658	1441.1
69.3	70.60	33.132 E	-1.415 D	26.680	1441.3
70.3	71.60	33.169 E	-1.417 D	26.711	1441.3
71.3	72.60	33.189 E	-1.427 D	26.727	1441.3
72.3	73.60	33.235 E	-1.400 D	26.763	1441.5
73.3	74.60	33.250 E	-1.400 D	26.775	1441.6
74.3	75.65	33.270 E	-1.400 D	26.792	1441.6
75.3	76.70	33.298 E	-1.399 D	26.814	1441.7
76.3	77.75	33.347 E	-1.387 D	26.853	1441.8
77.3	78.75	33.364 E	-1.421 D	26.868	1441.7
78.3	79.70	33.378 E	-1.428 D	26.880	1441.7
79.3	80.75	33.379 E	-1.402 D	26.880	1441.8
80.3	81.80	33.382 E	-1.364 D	26.881	1442.0
81.3	82.80	33.407 E	-1.351 D	26.901	1442.2
82.3	83.75	33.427 E	-1.332 D	26.917	1442.3
83.3	84.80	33.434 E	-1.288 D	26.921	1442.5
84.3	85.90	33.460 E	-1.259 D	26.941	1442.7
85.3	86.90	33.476 E	-1.222 D	26.953	1442.9
86.3	87.90	33.477 E	-1.164 D	26.952	1443.2
87.3	88.90	33.513 E	-1.116 D	26.980	1443.5
88.3	89.95	33.528 E	-1.091 D	26.992	1443.7
89.3	90.95	33.547 E	-1.040 D	27.005	1443.9
90.3	91.95	33.567 E	-1.048 D	27.021	1443.9
91.3	93.05	33.582 E	-1.013 D	27.033	1444.2
92.3	94.00	33.593 E	-0.985 D	27.041	1444.3
93.3	95.00	33.611 E	-0.965 D	27.054	1444.4
94.3	96.05	33.628 E	-0.944 D	27.067	1444.6
95.3	97.15	33.640 E	-0.925 D	27.077	1444.7
96.3	98.00	33.657 E	-0.906 D	27.090	1444.8
97.3	99.15	33.674 E	-0.891 D	27.103	1444.9
98.3	100.10	33.687 E	-0.885 D	27.113	1445.0
99.3	101.15	33.696 E	-0.879 D	27.120	1445.1
100.3	102.20	33.701 E	-0.872 D	27.124	1445.1
101.3	103.15	33.712 E	-0.863 D	27.132	1445.2
102.3	104.20	33.722 E	-0.855 D	27.140	1445.3
103.3	105.20	33.733 E	-0.848 D	27.149	1445.3
104.3	106.25	33.740 E	-0.842 D	27.155	1445.4
105.3	107.25	33.749 D	-0.835 C	27.161	1445.4
106.3	108.35	33.758 D	-0.831 C	27.168	1445.5
107.3	109.30	33.764 D	-0.825 C	27.173	1445.5
108.3	110.30	33.770 D	-0.819 C	27.178	1445.6
109.3	111.35	33.779 D	-0.811 C	27.185	1445.7
110.3	112.40	33.787 D	-0.805 C	27.191	1445.7
111.3	113.40	33.795 D	-0.802 C	27.197	1445.8
112.3	114.40	33.800 D	-0.796 C	27.201	1445.8
113.3	115.45	33.807 D	-0.790 C	27.206	1445.9
114.3	116.50	33.816 D	-0.785 C	27.214	1445.9
115.3	117.55	33.824 D	-0.780 C	27.220	1446.0
116.3	118.45	33.828 D	-0.776 C	27.223	1446.0
117.3	119.50	33.835 D	-0.771 C	27.228	1446.1
118.3	120.55	33.844 D	-0.763 C	27.236	1446.1
119.3	121.55	33.855 D	-0.756 C	27.244	1446.2
120.3	122.55	33.861 D	-0.750 C	27.249	1446.2
121.3	123.60	33.869 D	-0.744 C	27.255	1446.3
122.3	124.60	33.877 D	-0.739 C	27.261	1446.4
123.3	125.60	33.884 D	-0.732 C	27.266	1446.4
124.3	126.65	33.891 D	-0.726 C	27.272	1446.5
125.3	127.65	33.902 D	-0.720 C	27.281	1446.5
126.3	128.65	33.909 D	-0.713 C	27.286	1446.6
127.3	129.75	33.916 D	-0.709 C	27.292	1446.6
128.3	130.65	33.921 D	-0.705 C	27.296	1446.7
129.3	131.75	33.926 D	-0.701 C	27.300	1446.7
130.3	132.80	33.933 D	-0.696 C	27.305	1446.8
131.3	133.75	33.940 D	-0.690 C	27.310	1446.8
132.3	134.80	33.949 D	-0.682 C	27.317	1446.9
133.3	135.80	33.956 D	-0.677 C	27.323	1446.9
134.3	136.80	33.962 D	-0.671 C	27.327	1447.0
135.3	137.90	33.970 D	-0.663 C	27.334	1447.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
136.3	138.85	33.984 D	-0.655 C	27.344	1447.1
137.3	139.90	33.991 D	-0.649 C	27.350	1447.2
138.3	140.95	34.000 D	-0.645 C	27.357	1447.2
139.3	141.95	34.002 D	-0.638 C	27.358	1447.3
140.3	143.00	34.011 D	-0.633 C	27.366	1447.3
141.3	143.75	34.022 D	-0.622 C	27.374	1447.4
142.3	144.75	34.033 D	-0.614 C	27.382	1447.5
143.3	145.75	34.044 D	-0.605 C	27.391	1447.6
144.3	146.95	34.053 D	-0.597 C	27.398	1447.6
145.3	147.85	34.065 D	-0.591 C	27.407	1447.7
146.3	148.80	34.072 D	-0.582 C	27.412	1447.8
147.3	149.90	34.079 D	-0.578 C	27.418	1447.8
148.3	150.85	34.088 D	-0.568 C	27.425	1447.9
149.3	151.95	34.099 D	-0.558 C	27.434	1448.0
150.3	152.90	34.116 D	-0.545 C	27.447	1448.1
151.3	154.00	34.128 D	-0.537 C	27.456	1448.1
152.3	154.90	34.135 D	-0.526 C	27.461	1448.2
153.3	155.90	34.149 D	-0.515 C	27.472	1448.3
154.3	156.95	34.162 D	-0.502 C	27.482	1448.4
155.3	157.95	34.177 D	-0.495 C	27.494	1448.5
156.3	158.95	34.183 D	-0.487 C	27.498	1448.5
157.3	160.10	34.193 D	-0.479 C	27.506	1448.6
158.3	160.95	34.201 D	-0.473 C	27.512	1448.6
159.3	162.00	34.207 D	-0.465 C	27.517	1448.7
160.3	163.10	34.220 D	-0.449 C	27.526	1448.8

EXPERIMENT 3710



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 3710

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 020473

LOCAL TIME 1050

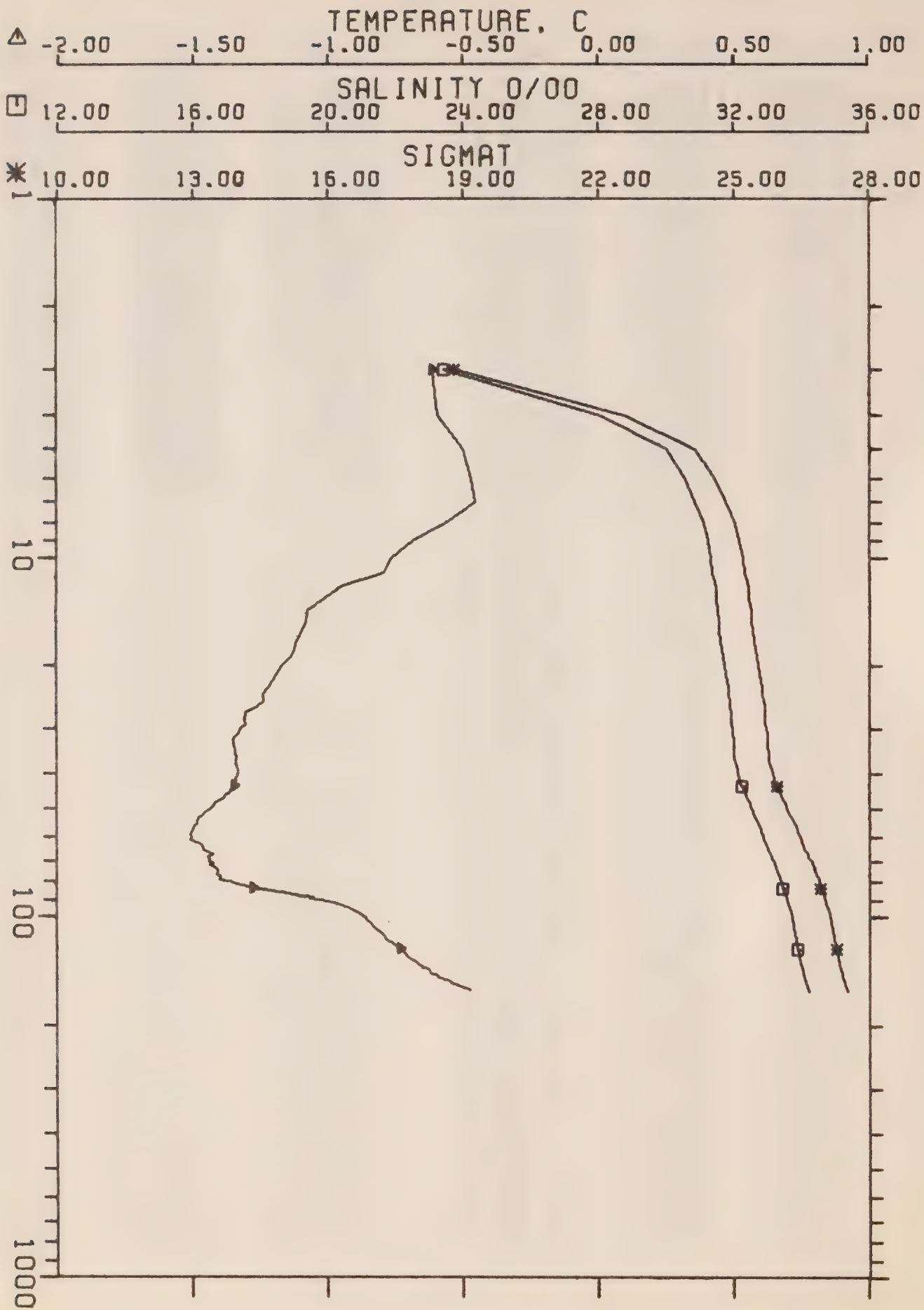
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.3	3.26	24.356 E	-0.654 D	19.579	1431.6
4.3	4.28	28.426 E	-0.572 D	22.857	1437.6
5.3	5.37	30.223 E	-0.495 D	24.303	1440.4
6.3	6.36	30.733 E	-0.472 D	24.714	1441.3
7.3	7.42	30.934 E	-0.459 D	24.876	1441.6
8.3	8.41	31.138 E	-0.575 D	25.044	1441.4
9.3	9.42	31.245 E	-0.677 D	25.134	1441.1
10.3	10.42	31.328 E	-0.759 D	25.203	1440.8
11.3	11.45	31.382 E	-0.857 D	25.250	1440.5
12.3	12.47	31.455 E	-0.982 D	25.312	1440.0
13.3	13.49	31.511 E	-1.060 D	25.360	1439.7
14.3	14.53	31.527 E	-1.075 D	25.372	1439.7
15.3	15.52	31.546 E	-1.087 D	25.388	1439.7
16.3	16.56	31.592 E	-1.105 D	25.426	1439.7
17.3	17.58	31.621 E	-1.121 D	25.450	1439.7
18.3	18.59	31.651 E	-1.141 D	25.474	1439.6
19.3	19.64	31.703 E	-1.167 D	25.517	1439.6
20.3	20.65	31.747 E	-1.174 D	25.553	1439.6
21.3	21.67	31.784 E	-1.196 D	25.583	1439.6
22.3	22.72	31.815 E	-1.209 D	25.609	1439.6
23.3	23.68	31.842 E	-1.234 D	25.632	1439.5
24.3	24.71	31.858 E	-1.232 D	25.644	1439.6
25.3	25.78	31.875 E	-1.245 D	25.659	1439.6
26.3	26.74	31.897 E	-1.289 D	25.677	1439.4
27.3	27.81	31.915 E	-1.306 D	25.692	1439.4
28.3	28.75	31.919 E	-1.315 D	25.696	1439.3
29.3	29.81	31.937 E	-1.324 D	25.710	1439.3
30.3	30.86	31.950 E	-1.333 D	25.721	1439.3
31.3	31.77	31.975 E	-1.341 D	25.742	1439.3
32.3	32.90	31.983 E	-1.344 D	25.748	1439.4
33.3	33.86	31.989 E	-1.349 D	25.753	1439.4
34.3	34.90	32.005 E	-1.336 D	25.765	1439.5
35.3	35.92	32.012 E	-1.333 D	25.772	1439.5
36.3	36.91	32.031 E	-1.340 D	25.787	1439.5
37.3	37.97	32.048 E	-1.339 D	25.801	1439.6
38.3	38.95	32.086 E	-1.333 D	25.831	1439.7
39.3	39.97	32.106 E	-1.330 D	25.847	1439.7
40.3	41.03	32.131 E	-1.334 D	25.867	1439.8
41.3	42.06	32.152 E	-1.339 D	25.884	1439.8
42.3	43.07	32.194 E	-1.340 D	25.919	1439.8
43.3	44.11	32.238 E	-1.348 D	25.955	1439.9
44.3	45.12	32.281 E	-1.361 D	25.990	1439.9
45.3	46.14	32.330 E	-1.374 D	26.030	1439.9
46.3	47.16	32.367 E	-1.378 D	26.059	1440.0
47.3	48.17	32.424 E	-1.397 D	26.107	1440.0
48.3	49.20	32.481 E	-1.427 D	26.153	1439.9
49.3	50.20	32.500 E	-1.428 D	26.169	1440.0
50.3	51.23	32.525 E	-1.441 D	26.189	1440.0
51.3	52.25	32.574 E	-1.462 D	26.229	1440.0
52.3	53.26	32.630 E	-1.481 D	26.275	1440.0
53.3	55.31	32.686 E	-1.471 D	26.320	1440.1
54.3	56.32	32.728 E	-1.491 D	26.355	1440.1
55.3	57.35	32.755 E	-1.497 D	26.377	1440.1
56.3	58.36	32.773 E	-1.493 D	26.391	1440.2
57.3	59.38	32.826 E	-1.505 D	26.434	1440.2
58.3	60.38	32.850 E	-1.514 D	26.454	1440.2
59.3	61.40	32.870 E	-1.497 D	26.470	1440.4
60.3	62.35	32.895 E	-1.485 D	26.490	1440.5
61.3	63.35	32.920 E	-1.462 D	26.510	1440.6
62.3	64.40	32.946 E	-1.443 D	26.531	1440.8
63.3	65.45	32.992 E	-1.461 D	26.568	1440.8
64.3	66.40	33.017 E	-1.448 D	26.588	1440.9
65.3	67.50	33.044 E	-1.437 D	26.610	1441.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
66.3	68.50	33.059 E	-1.421 D	26.622	1441.1
67.3	69.55	33.105 E	-1.431 D	26.659	1441.1
68.3	70.55	33.130 E	-1.416 D	26.679	1441.3
69.3	71.55	33.166 E	-1.415 D	26.708	1441.3
70.3	72.60	33.199 E	-1.416 D	26.734	1441.4
71.3	73.65	33.204 E	-1.375 D	26.738	1441.6
72.3	74.70	33.242 E	-1.383 D	26.769	1441.6
73.3	75.70	33.268 E	-1.399 D	26.790	1441.6
74.3	76.70	33.295 E	-1.396 D	26.812	1441.7
75.3	77.65	33.343 E	-1.388 D	26.851	1441.8
76.3	78.70	33.362 E	-1.414 D	26.867	1441.7
77.3	79.70	33.383 E	-1.421 D	26.883	1441.7
78.3	80.75	33.382 E	-1.409 D	26.883	1441.8
79.3	81.80	33.394 E	-1.377 D	26.891	1442.0
80.3	82.80	33.407 E	-1.348 D	26.901	1442.2
81.3	83.85	33.424 E	-1.331 D	26.914	1442.3
82.3	84.85	33.435 E	-1.291 D	26.922	1442.5
83.3	85.80	33.460 E	-1.261 D	26.942	1442.7
84.3	86.85	33.480 E	-1.216 D	26.957	1443.0
85.3	87.90	33.473 E	-1.157 D	26.949	1443.2
86.3	88.95	33.502 E	-1.113 D	26.971	1443.5
87.3	89.95	33.531 E	-1.066 D	26.993	1443.8
88.3	90.95	33.558 E	-1.046 D	27.014	1443.9
89.3	91.95	33.568 E	-1.037 D	27.022	1444.0
90.3	93.00	33.573 E	-1.005 D	27.025	1444.2
91.3	94.00	33.596 E	-0.987 D	27.043	1444.3
92.3	95.00	33.613 E	-0.966 D	27.056	1444.4
93.3	96.00	33.622 E	-0.948 D	27.063	1444.6
94.3	97.05	33.637 E	-0.926 D	27.074	1444.7
95.3	98.15	33.657 E	-0.904 D	27.089	1444.8
96.3	99.05	33.674 E	-0.889 D	27.103	1445.0
97.3	100.10	33.687 E	-0.881 D	27.113	1445.0
98.3	101.15	33.698 E	-0.875 D	27.121	1445.1
99.3	102.25	33.705 E	-0.868 D	27.127	1445.1
100.3	103.20	33.714 E	-0.861 D	27.134	1445.2
101.3	104.20	33.721 E	-0.854 D	27.140	1445.3
102.3	105.25	33.732 E	-0.848 D	27.148	1445.3
103.3	106.20	33.739 E	-0.843 D	27.153	1445.4
104.3	107.25	33.748 E	-0.836 D	27.160	1445.4
105.3	108.30	33.755 D	-0.831 C	27.166	1445.5
106.3	109.35	33.762 D	-0.826 C	27.171	1445.5
107.3	110.35	33.766 D	-0.821 C	27.175	1445.6
108.3	111.40	33.775 D	-0.813 C	27.182	1445.7
109.3	112.40	33.785 D	-0.807 C	27.190	1445.7
110.3	113.40	33.793 D	-0.802 C	27.196	1445.8
111.3	114.35	33.799 D	-0.796 C	27.200	1445.8
112.3	115.40	33.806 D	-0.790 C	27.206	1445.9
113.3	116.40	33.814 D	-0.785 C	27.212	1445.9
114.3	117.45	33.822 D	-0.779 C	27.219	1446.0
115.3	118.50	33.828 D	-0.775 C	27.223	1446.0
116.3	119.50	33.834 D	-0.769 C	27.228	1446.1
117.3	120.55	33.844 D	-0.763 C	27.235	1446.1
118.3	121.50	33.851 D	-0.756 C	27.241	1446.2
119.3	122.55	33.858 D	-0.750 C	27.246	1446.2
120.3	123.60	33.865 D	-0.746 C	27.252	1446.3
121.3	124.65	33.874 D	-0.740 C	27.259	1446.3
122.3	125.65	33.881 D	-0.734 C	27.264	1446.4
123.3	126.60	33.891 D	-0.727 C	27.272	1446.5
124.3	127.65	33.901 D	-0.720 C	27.280	1446.5
125.3	128.70	33.908 D	-0.713 C	27.286	1446.6
126.3	129.75	33.916 D	-0.709 C	27.291	1446.6
127.3	130.70	33.921 D	-0.706 C	27.296	1446.7
128.3	131.70	33.926 D	-0.701 C	27.300	1446.7
129.3	132.75	33.933 D	-0.696 C	27.305	1446.8
130.3	133.85	33.938 D	-0.690 C	27.309	1446.8
131.3	134.80	33.949 D	-0.682 C	27.317	1446.9
132.3	135.85	33.956 D	-0.677 C	27.323	1446.9
133.3	136.90	33.964 D	-0.670 C	27.329	1447.0
134.3	137.85	33.973 D	-0.661 C	27.336	1447.1
135.3	138.90	33.985 D	-0.654 C	27.345	1447.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
136.3	139.95	33.991 D	-0.648 C	27.350	1447.2
137.3	140.90	33.997 D	-0.644 C	27.354	1447.2
138.3	141.95	34.007 D	-0.637 C	27.362	1447.3
139.3	143.00	34.012 D	-0.631 C	27.366	1447.3
140.3	143.85	34.024 D	-0.621 C	27.376	1447.4
141.3	144.85	34.034 D	-0.615 C	27.383	1447.5
142.3	145.80	34.046 D	-0.604 C	27.392	1447.6
143.3	146.75	34.058 D	-0.595 C	27.402	1447.6
144.3	147.90	34.066 D	-0.587 C	27.408	1447.7
145.3	148.85	34.076 D	-0.579 C	27.416	1447.8
146.3	149.75	34.084 D	-0.572 C	27.422	1447.8
147.3	150.80	34.095 D	-0.563 C	27.430	1447.9
148.3	151.85	34.107 D	-0.554 C	27.439	1448.0
149.3	153.00	34.118 D	-0.543 C	27.448	1448.1
150.3	154.00	34.128 D	-0.535 C	27.456	1448.1
151.3	154.80	34.139 D	-0.524 C	27.465	1448.2
152.3	155.95	34.150 D	-0.514 C	27.473	1448.3
153.3	156.85	34.164 D	-0.502 C	27.484	1448.4
154.3	158.10	34.176 D	-0.494 C	27.493	1448.5
155.3	159.00	34.183 D	-0.489 C	27.498	1448.5
156.3	160.15	34.193 D	-0.478 C	27.506	1448.6
157.3	160.95	34.201 D	-0.473 C	27.512	1448.6
158.3	162.20	34.207 D	-0.461 C	27.516	1448.7
159.3	163.05	34.225 D	-0.445 C	27.531	1448.8

EXPERIMENT 711

DEPTH M



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 711

LAT. N80 35.5

LONG. W79.34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 020473

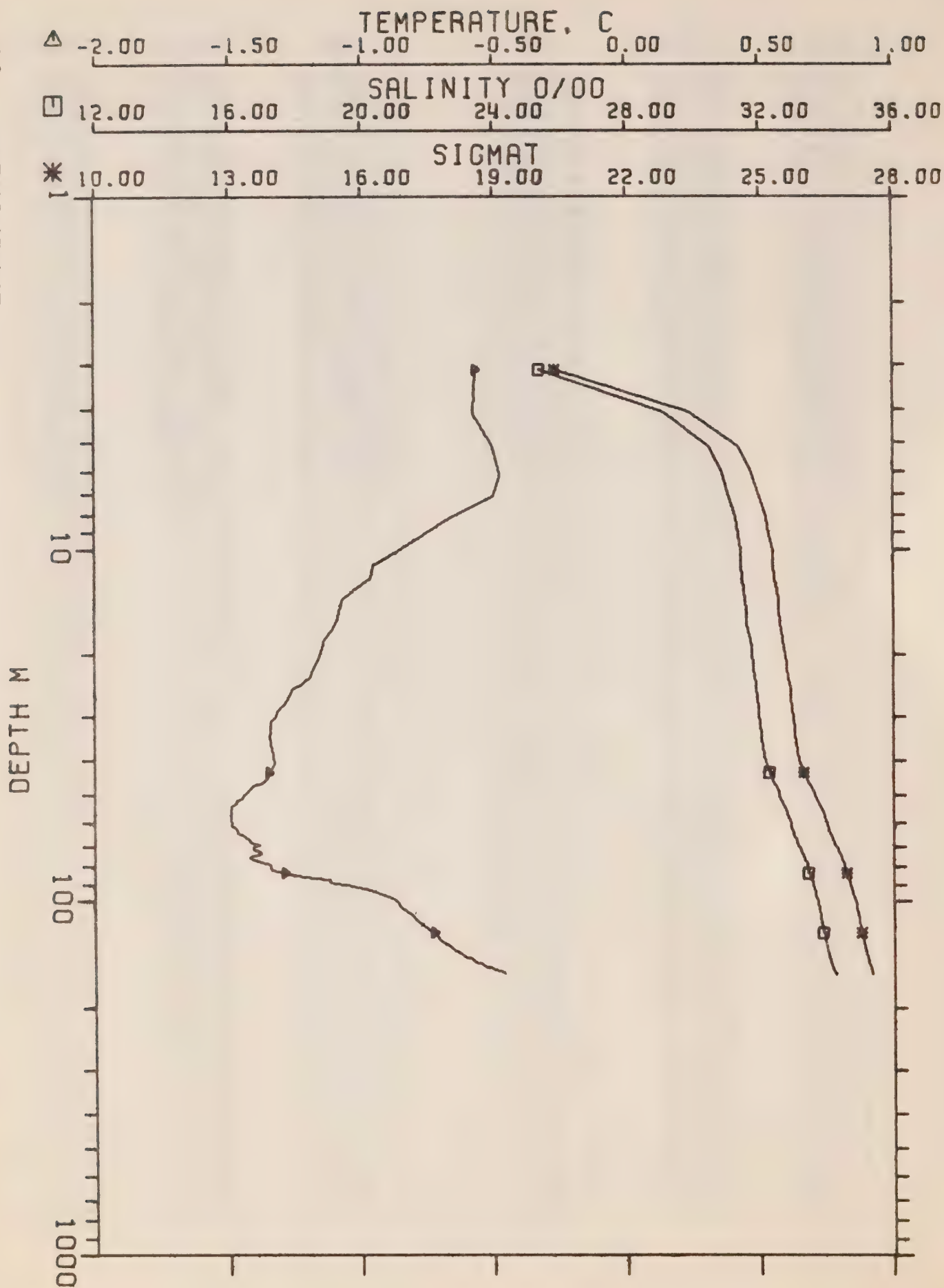
LOCAL TIME 1430

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.0	2.96	23.431 E	-0.608 D	18.834	1430.5
4.0	3.95	28.084 E	-0.588 D	22.581	1437.0
5.0	5.06	30.007 E	-0.494 D	24.129	1440.1
6.0	6.06	30.565 E	-0.463 D	24.578	1441.1
7.0	7.10	30.854 E	-0.447 D	24.810	1441.6
8.0	8.05	31.123 E	-0.565 D	25.032	1441.4
9.0	9.11	31.226 E	-0.683 D	25.118	1441.0
10.0	10.17	31.318 E	-0.764 D	25.195	1440.8
11.0	11.20	31.355 E	-0.797 D	25.226	1440.7
12.0	12.21	31.461 E	-0.949 D	25.316	1440.2
13.0	13.21	31.493 E	-1.012 D	25.343	1439.9
14.0	14.23	31.537 E	-1.076 D	25.381	1439.7
15.0	15.25	31.554 E	-1.082 D	25.394	1439.7
16.0	16.30	31.573 E	-1.097 D	25.411	1439.7
17.0	17.28	31.619 E	-1.114 D	25.448	1439.7
18.0	18.26	31.649 E	-1.126 D	25.473	1439.7
19.0	19.33	31.687 E	-1.140 D	25.504	1439.7
20.0	20.34	31.735 E	-1.170 D	25.543	1439.6
21.0	21.39	31.774 E	-1.188 D	25.575	1439.6
22.0	22.36	31.800 E	-1.204 D	25.596	1439.6
23.0	23.44	31.830 E	-1.220 D	25.622	1439.6
24.0	24.40	31.851 E	-1.239 D	25.639	1439.5
25.0	25.44	31.868 E	-1.237 D	25.652	1439.6
26.0	25.47	31.896 E	-1.262 D	25.676	1439.5
27.0	27.42	31.921 E	-1.304 D	25.697	1439.4
28.0	28.49	31.925 E	-1.309 D	25.700	1439.4
29.0	29.53	31.927 E	-1.302 D	25.702	1439.4
30.0	30.50	31.948 E	-1.323 D	25.719	1439.4
31.0	31.52	31.969 E	-1.335 D	25.737	1439.4
32.0	32.57	31.982 E	-1.348 D	25.747	1439.3
33.0	33.52	31.999 E	-1.351 D	25.761	1439.4
34.0	34.62	32.001 E	-1.342 D	25.763	1439.4
35.0	35.60	32.011 E	-1.342 D	25.771	1439.5
36.0	36.61	32.018 E	-1.335 D	25.776	1439.5
37.0	37.67	32.040 E	-1.339 D	25.794	1439.5
38.0	38.63	32.070 E	-1.334 D	25.818	1439.6
39.0	39.73	32.100 E	-1.331 D	25.843	1439.7
40.0	40.73	32.131 E	-1.332 D	25.867	1439.8
41.0	41.70	32.153 E	-1.338 D	25.886	1439.8
42.0	42.74	32.179 E	-1.338 D	25.907	1439.8
43.0	43.81	32.237 E	-1.347 D	25.954	1439.9
44.0	44.81	32.271 E	-1.355 D	25.981	1439.9
45.0	45.77	32.316 E	-1.367 D	26.018	1439.9
46.0	46.83	32.345 E	-1.379 D	26.042	1439.9
47.0	47.89	32.387 E	-1.388 D	26.076	1440.0
48.0	48.90	32.470 E	-1.415 D	26.144	1440.0
49.0	49.88	32.494 E	-1.425 D	26.164	1440.0
50.0	50.87	32.512 E	-1.433 D	26.178	1440.0
51.0	51.93	32.553 E	-1.450 D	26.212	1440.0
52.0	52.99	32.614 E	-1.463 D	26.262	1440.0
53.0	53.99	32.646 E	-1.481 D	26.288	1440.0
54.0	54.99	32.683 E	-1.485 D	26.319	1440.0
55.0	55.97	32.714 E	-1.481 D	26.344	1440.1
56.0	57.03	32.742 E	-1.493 D	26.366	1440.1
57.0	58.09	32.788 E	-1.500 D	26.404	1440.2
58.0	59.10	32.807 E	-1.505 D	26.419	1440.2
59.0	60.10	32.843 E	-1.511 D	26.449	1440.2
60.0	61.10	32.868 E	-1.500 D	26.469	1440.3
61.0	62.10	32.893 E	-1.510 D	26.489	1440.3
62.0	63.20	32.918 E	-1.486 D	26.509	1440.5
63.0	64.25	32.953 E	-1.460 D	26.536	1440.7
64.0	65.25	32.981 E	-1.455 D	26.559	1440.8
65.0	66.20	33.000 E	-1.461 D	26.574	1440.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
66.0	67.25	33.042 E	-1.444 D	26.608	1440.9
67.0	68.20	33.079 E	-1.421 D	26.637	1441.1
68.0	69.30	33.103 E	-1.447 D	26.657	1441.0
69.0	70.30	33.130 E	-1.433 D	26.679	1441.2
70.0	71.35	33.188 E	-1.442 D	26.726	1441.2
71.0	72.35	33.201 E	-1.421 D	26.736	1441.4
72.0	73.40	33.238 E	-1.434 D	26.766	1441.4
73.0	74.40	33.256 E	-1.414 D	26.781	1441.5
74.0	75.40	33.284 E	-1.406 D	26.803	1441.6
75.0	76.40	33.298 E	-1.399 D	26.815	1441.7
76.0	77.40	33.331 E	-1.411 D	26.841	1441.7
77.0	78.45	33.343 E	-1.394 D	26.851	1441.8
78.0	79.45	33.377 E	-1.394 D	26.878	1441.9
79.0	80.55	33.390 E	-1.401 D	26.889	1441.9
80.0	81.55	33.394 E	-1.361 D	26.891	1442.1
81.0	82.55	33.424 E	-1.337 D	26.915	1442.2
82.0	83.60	33.440 E	-1.315 D	26.927	1442.2
83.0	84.60	33.449 E	-1.273 D	26.933	1442.6
84.0	85.55	33.468 E	-1.234 D	26.947	1442.8
85.0	86.60	33.489 E	-1.208 D	26.964	1443.0
86.0	87.60	33.495 E	-1.139 D	26.966	1443.3
87.0	88.60	33.532 E	-1.123 D	26.995	1443.5
88.0	89.65	33.542 E	-1.050 D	27.001	1443.9
89.0	90.65	33.565 E	-1.063 D	27.020	1443.9
90.0	91.65	33.573 E	-1.033 D	27.026	1444.0
91.0	92.70	33.593 E	-0.994 D	27.041	1444.2
92.0	93.75	33.603 E	-0.962 D	27.048	1444.4
93.0	94.75	33.623 E	-0.945 D	27.063	1444.6
94.0	95.80	33.637 E	-0.929 D	27.074	1444.7
95.0	96.80	33.657 E	-0.914 D	27.090	1444.8
96.0	97.85	33.673 E	-0.898 D	27.103	1444.9
97.0	98.90	33.691 E	-0.887 D	27.116	1445.0
98.0	99.90	33.700 E	-0.880 D	27.124	1445.1
99.0	100.95	33.708 E	-0.871 D	27.130	1445.1
100.0	101.95	33.717 E	-0.864 D	27.136	1445.2
101.0	102.95	33.725 E	-0.856 D	27.143	1445.2
102.0	103.95	33.734 E	-0.850 D	27.150	1445.3
103.0	104.95	33.742 E	-0.845 D	27.156	1445.4
104.0	106.00	33.750 E	-0.839 D	27.162	1445.4
105.0	107.05	33.756 E	-0.833 D	27.167	1445.5
106.0	108.10	33.765 D	-0.828 C	27.174	1445.5
107.0	109.05	33.771 D	-0.825 C	27.179	1445.6
108.0	110.05	33.776 D	-0.820 C	27.183	1445.6
109.0	111.10	33.783 D	-0.814 C	27.188	1445.7
110.0	112.15	33.791 D	-0.808 C	27.194	1445.7
111.0	113.15	33.800 D	-0.801 C	27.201	1445.8
112.0	114.20	33.810 D	-0.796 C	27.209	1445.8
113.0	115.25	33.816 D	-0.790 C	27.214	1445.9
114.0	116.20	33.823 D	-0.784 C	27.219	1445.9
115.0	117.25	33.831 D	-0.778 C	27.226	1446.0
116.0	118.25	33.836 D	-0.774 C	27.229	1446.0
117.0	119.25	33.843 D	-0.768 C	27.235	1446.1
118.0	120.25	33.852 D	-0.762 C	27.242	1446.1
119.0	121.25	33.862 D	-0.755 C	27.250	1446.2
120.0	122.30	33.869 D	-0.750 C	27.255	1446.3
121.0	123.30	33.877 D	-0.744 C	27.262	1446.3
122.0	124.40	33.883 D	-0.739 C	27.266	1446.4
123.0	125.40	33.890 D	-0.732 C	27.272	1446.4
124.0	126.45	33.899 D	-0.726 C	27.278	1446.5
125.0	127.45	33.906 D	-0.722 C	27.284	1446.5
126.0	128.45	33.911 D	-0.716 C	27.288	1446.6
127.0	129.45	33.920 D	-0.711 C	27.295	1446.6
128.0	130.50	33.924 D	-0.707 C	27.298	1446.7
129.0	131.50	33.932 D	-0.701 C	27.304	1446.7
130.0	132.55	33.940 D	-0.695 C	27.310	1446.8
131.0	133.60	33.946 D	-0.690 C	27.315	1446.8
132.0	134.60	33.953 D	-0.685 C	27.321	1446.9
133.0	135.60	33.959 D	-0.679 C	27.326	1446.9
134.0	136.65	33.970 D	-0.671 C	27.334	1447.0
135.0	137.65	33.979 D	-0.663 C	27.341	1447.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
136.0	138.70	33.986 D	-0.657 C	27.346	1447.1
137.0	139.75	33.993 D	-0.651 C	27.352	1447.2
138.0	140.75	34.000 D	-0.646 C	27.357	1447.2
139.0	141.75	34.009 D	-0.639 C	27.364	1447.3
140.0	142.80	34.021 D	-0.629 C	27.373	1447.4
141.0	143.70	34.028 D	-0.622 C	27.379	1447.4
142.0	144.65	34.036 D	-0.619 C	27.385	1447.5
143.0	145.70	34.043 D	-0.613 C	27.390	1447.5
144.0	146.50	34.046 D	-0.608 C	27.392	1447.6
145.0	147.65	34.060 D	-0.598 C	27.403	1447.6
146.0	148.70	34.067 D	-0.592 C	27.409	1447.7
147.0	149.60	34.074 D	-0.588 C	27.414	1447.7
148.0	150.70	34.083 D	-0.578 C	27.421	1447.8
149.0	151.60	34.093 D	-0.568 C	27.429	1447.9
150.0	152.70	34.104 D	-0.558 C	27.438	1448.0
151.0	153.80	34.118 D	-0.548 C	27.448	1448.1
152.0	154.85	34.125 D	-0.542 C	27.454	1448.1
153.0	155.90	34.133 D	-0.536 C	27.460	1448.2
154.0	156.90	34.141 D	-0.532 C	27.466	1448.2
155.0	157.90	34.146 D	-0.521 C	27.470	1448.3
156.0	158.75	34.162 D	-0.506 C	27.482	1448.4
157.0	159.75	34.178 D	-0.494 C	27.495	1448.5
158.0	160.80	34.189 D	-0.486 C	27.503	1448.6
159.0	162.00	34.197 D	-0.480 C	27.509	1448.6
160.0	162.80	34.206 D	-0.471 C	27.516	1448.7

EXPERIMENT 713



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 713

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 030473

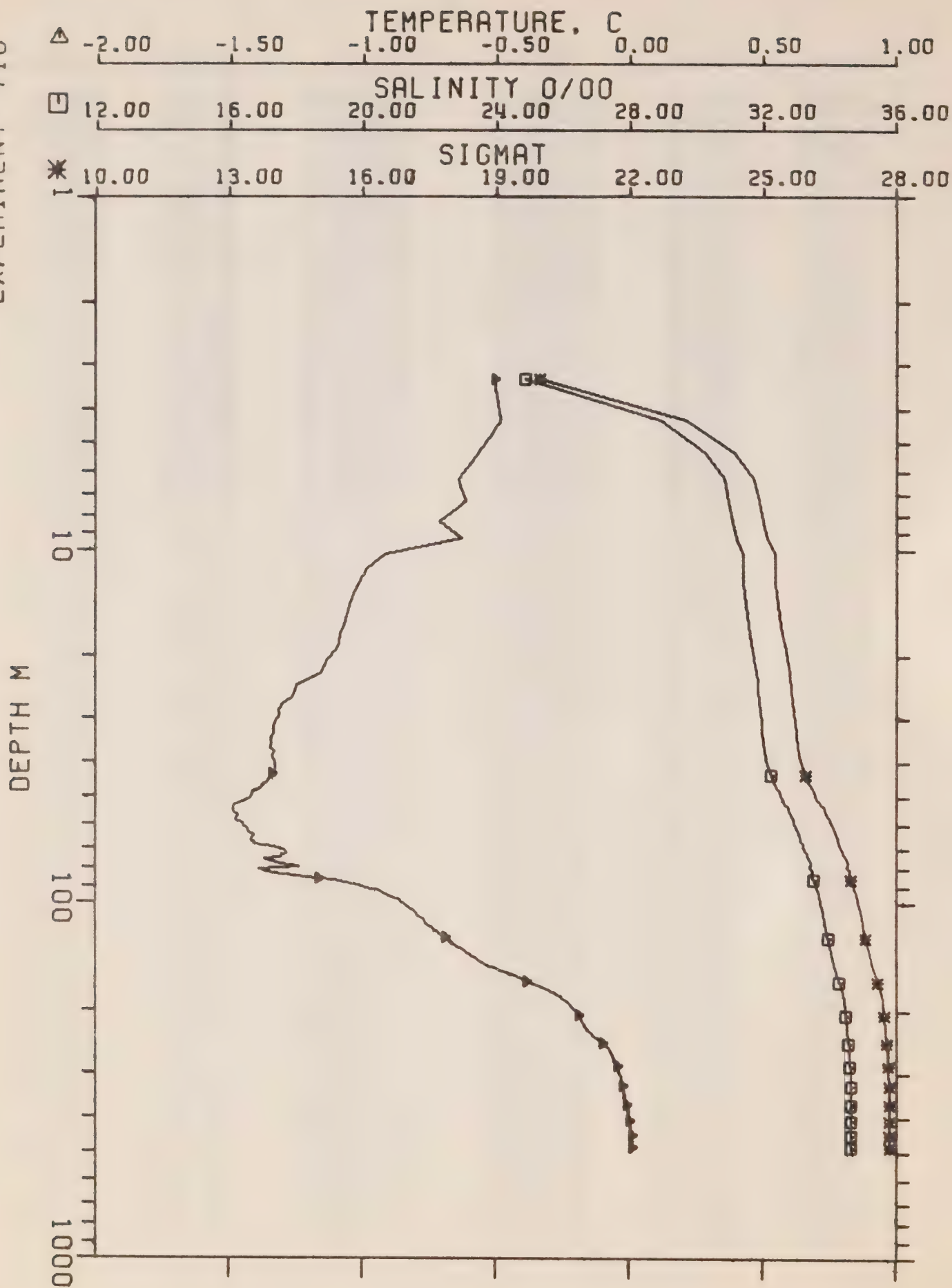
LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.1	3.15	25.401 E	-0.566 D	20.419	1433.4
4.1	4.26	29.127 E	-0.574 D	23.422	1438.5
5.1	5.27	30.478 E	-0.493 D	24.509	1440.8
6.1	6.32	30.875 E	-0.468 D	24.829	1441.5
7.1	7.27	31.092 E	-0.498 D	25.004	1441.7
8.1	8.36	31.273 E	-0.654 D	25.156	1441.2
9.1	9.35	31.352 E	-0.764 D	25.222	1440.8
10.1	10.31	31.428 E	-0.862 D	25.287	1440.5
11.1	11.37	31.459 E	-0.955 D	25.315	1440.1
12.1	12.43	31.491 E	-0.965 D	25.341	1440.1
13.1	13.44	31.539 E	-1.032 D	25.381	1439.9
14.1	14.46	31.574 E	-1.075 D	25.410	1439.8
15.1	15.50	31.594 E	-1.087 D	25.427	1439.7
16.1	16.46	31.615 E	-1.097 D	25.444	1439.7
17.1	17.51	31.649 E	-1.116 D	25.472	1439.7
18.1	18.52	31.702 E	-1.138 D	25.516	1439.7
19.1	19.54	31.744 E	-1.150 D	25.550	1439.7
20.1	20.61	31.774 E	-1.160 D	25.575	1439.7
21.1	21.55	31.798 E	-1.170 D	25.594	1439.7
22.1	22.64	31.816 E	-1.187 D	25.609	1439.7
23.1	23.59	31.839 E	-1.194 D	25.628	1439.7
24.1	24.67	31.878 E	-1.225 D	25.660	1439.6
25.1	25.64	31.897 E	-1.258 D	25.677	1439.5
26.1	26.67	31.911 E	-1.273 D	25.688	1439.5
27.1	27.72	31.922 E	-1.284 D	25.698	1439.5
28.1	28.67	31.945 E	-1.298 D	25.717	1439.5
29.1	29.79	31.966 E	-1.321 D	25.734	1439.4
30.1	30.77	31.971 E	-1.326 D	25.738	1439.4
31.1	31.76	31.995 E	-1.346 D	25.758	1439.4
32.1	32.81	32.006 E	-1.344 D	25.767	1439.4
33.1	33.82	32.023 E	-1.343 D	25.780	1439.4
34.1	34.85	32.036 E	-1.348 D	25.791	1439.5
35.1	35.86	32.047 E	-1.341 D	25.800	1439.5
36.1	36.90	32.071 E	-1.338 D	25.819	1439.6
37.1	37.87	32.087 E	-1.333 D	25.832	1439.6
38.1	38.94	32.106 E	-1.330 D	25.847	1439.7
39.1	39.90	32.118 E	-1.332 D	25.857	1439.7
40.1	41.00	32.145 E	-1.327 D	25.879	1439.8
41.1	41.93	32.192 E	-1.332 D	25.917	1439.9
42.1	43.02	32.227 E	-1.340 D	25.946	1439.9
43.1	43.99	32.269 E	-1.348 D	25.980	1439.9
44.1	45.06	32.305 E	-1.354 D	26.009	1440.0
45.1	46.04	32.359 E	-1.361 D	26.053	1440.0
46.1	47.09	32.403 E	-1.375 D	26.089	1440.0
47.1	48.10	32.469 E	-1.408 D	26.143	1440.0
48.1	49.09	32.508 E	-1.425 D	26.175	1440.0
49.1	50.16	32.541 E	-1.436 D	26.203	1440.0
50.1	51.13	32.569 E	-1.443 D	26.225	1440.0
51.1	52.22	32.599 E	-1.454 D	26.250	1440.0
52.1	53.16	32.652 E	-1.475 D	26.293	1440.0
53.1	54.25	32.690 E	-1.477 D	26.324	1440.1
54.1	55.22	32.728 E	-1.494 D	26.355	1440.1
55.1	56.26	32.755 E	-1.496 D	26.377	1440.1
56.1	57.28	32.783 E	-1.488 D	26.399	1440.2
57.1	58.28	32.818 E	-1.489 D	26.428	1440.3
58.1	59.34	32.845 E	-1.490 D	26.449	1440.3
59.1	60.31	32.872 E	-1.493 D	26.471	1440.4
60.1	61.40	32.911 E	-1.485 D	26.503	1440.5
61.1	62.35	32.922 E	-1.493 D	26.512	1440.5
62.1	63.45	32.931 E	-1.474 D	26.519	1440.6
63.1	64.40	32.962 E	-1.465 D	26.544	1440.7
64.1	65.45	32.984 E	-1.466 D	26.562	1440.7
65.1	66.50	33.010 E	-1.441 D	26.582	1440.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
66.1	67.45	33.042 E	-1.437 D	26.608	1441.0
67.1	68.55	33.071 E	-1.420 D	26.631	1441.1
68.1	69.50	33.098 E	-1.416 D	26.652	1441.2
69.1	70.60	33.135 E	-1.381 D	26.682	1441.4
70.1	71.55	33.166 E	-1.411 D	26.707	1441.3
71.1	72.55	33.192 E	-1.409 D	26.728	1441.4
72.1	73.65	33.219 E	-1.393 D	26.750	1441.5
73.1	74.55	33.255 E	-1.377 D	26.778	1441.7
74.1	75.65	33.279 E	-1.406 D	26.799	1441.6
75.1	76.60	33.302 E	-1.425 D	26.818	1441.6
76.1	77.65	33.325 E	-1.408 D	26.836	1441.7
77.1	78.70	33.341 E	-1.389 D	26.849	1441.8
78.1	79.70	33.395 E	-1.360 D	26.892	1442.0
79.1	80.75	33.391 E	-1.342 D	26.888	1442.1
80.1	81.75	33.409 E	-1.347 D	26.903	1442.2
81.1	82.80	33.416 E	-1.335 D	26.908	1442.2
82.1	83.85	33.442 E	-1.335 D	26.929	1442.3
83.1	84.80	33.457 E	-1.291 D	26.940	1442.5
84.1	85.85	33.477 E	-1.276 D	26.956	1442.7
85.1	86.85	33.481 E	-1.210 D	26.957	1443.0
86.1	87.85	33.502 E	-1.179 D	26.973	1443.2
87.1	88.95	33.508 E	-1.114 D	26.976	1443.5
88.1	89.90	33.546 E	-1.118 D	27.007	1443.6
89.1	90.95	33.557 E	-1.099 D	27.015	1443.7
90.1	92.00	33.563 E	-1.056 D	27.018	1443.9
91.1	92.95	33.585 E	-1.015 D	27.035	1444.1
92.1	94.05	33.597 E	-0.987 D	27.044	1444.3
93.1	95.05	33.622 E	-0.965 D	27.063	1444.5
94.1	95.00	33.626 E	-0.952 D	27.066	1444.5
95.1	97.15	33.645 E	-0.930 D	27.081	1444.7
96.1	98.05	33.657 E	-0.912 D	27.090	1444.8
97.1	99.05	33.683 E	-0.897 D	27.110	1444.9
98.1	100.15	33.700 E	-0.884 D	27.123	1445.0
99.1	101.15	33.709 E	-0.873 D	27.131	1445.1
100.1	102.10	33.722 E	-0.865 D	27.140	1445.2
101.1	103.25	33.735 E	-0.856 D	27.151	1445.3
102.1	104.15	33.738 E	-0.854 D	27.153	1445.3
103.1	105.25	33.741 E	-0.852 D	27.155	1445.3
104.1	106.20	33.745 E	-0.846 D	27.159	1445.4
105.1	107.30	33.751 D	-0.841 C	27.163	1445.4
106.1	108.25	33.759 D	-0.836 C	27.170	1445.5
107.1	109.30	33.767 D	-0.826 C	27.175	1445.5
108.1	110.35	33.782 D	-0.818 C	27.187	1445.6
109.1	111.30	33.789 D	-0.810 C	27.193	1445.7
110.1	112.40	33.799 D	-0.803 C	27.201	1445.7
111.1	113.35	33.808 D	-0.797 C	27.208	1445.8
112.1	114.45	33.816 D	-0.791 C	27.214	1445.9
113.1	115.40	33.824 D	-0.786 C	27.220	1445.9
114.1	116.50	33.831 D	-0.779 C	27.226	1446.0
115.1	117.45	33.838 D	-0.773 C	27.231	1446.0
116.1	118.50	33.846 D	-0.767 C	27.237	1446.1
117.1	119.55	33.856 D	-0.760 C	27.245	1446.1
118.1	120.45	33.865 D	-0.753 C	27.252	1446.2
119.1	121.60	33.873 D	-0.747 C	27.258	1446.3
120.1	122.60	33.880 D	-0.742 C	27.264	1446.3
121.1	123.60	33.887 D	-0.738 C	27.270	1446.4
122.1	124.65	33.892 D	-0.733 C	27.273	1446.4
123.1	125.65	33.899 D	-0.726 C	27.279	1446.5
124.1	126.75	33.908 D	-0.720 C	27.286	1446.5
125.1	127.70	33.913 D	-0.717 C	27.290	1446.6
126.1	128.70	33.920 D	-0.712 C	27.295	1446.6
127.1	129.75	33.926 D	-0.707 C	27.299	1446.7
128.1	130.70	33.932 D	-0.703 C	27.304	1446.7
129.1	131.85	33.938 D	-0.696 C	27.309	1446.8
130.1	132.75	33.945 D	-0.690 C	27.314	1446.8
131.1	133.80	33.954 D	-0.683 C	27.321	1446.9
132.1	134.85	33.963 D	-0.675 C	27.328	1446.9
133.1	135.85	33.971 D	-0.670 C	27.335	1447.0
134.1	136.85	33.978 D	-0.665 C	27.340	1447.0
135.1	137.90	33.983 D	-0.660 C	27.344	1447.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
136.1	138.85	33.992 D	-0.653 C	27.351	1447.2
137.1	139.95	34.001 D	-0.647 C	27.358	1447.2
138.1	140.95	34.005 D	-0.640 C	27.361	1447.3
139.1	141.95	34.017 D	-0.632 C	27.370	1447.3
140.1	142.90	34.024 D	-0.626 C	27.375	1447.4
141.1	143.80	34.032 D	-0.620 C	27.382	1447.4
142.1	144.75	34.038 D	-0.614 C	27.387	1447.5
143.1	145.80	34.047 D	-0.609 C	27.393	1447.5
144.1	146.95	34.055 D	-0.600 C	27.399	1447.6
145.1	147.90	34.067 D	-0.591 C	27.409	1447.7
146.1	148.90	34.078 D	-0.582 C	27.417	1447.8
147.1	149.95	34.087 D	-0.574 C	27.424	1447.8
148.1	150.80	34.096 D	-0.568 C	27.431	1447.9
149.1	151.80	34.104 D	-0.561 C	27.438	1448.0
150.1	152.90	34.113 D	-0.551 C	27.444	1448.0
151.1	153.85	34.126 D	-0.541 C	27.455	1448.1
152.1	154.80	34.136 D	-0.535 C	27.462	1448.2
153.1	155.90	34.144 D	-0.527 C	27.468	1448.2
154.1	157.00	34.155 D	-0.515 C	27.477	1448.3
155.1	157.90	34.167 D	-0.505 C	27.486	1448.4
156.1	159.15	34.174 D	-0.491 C	27.491	1448.5
157.1	160.20	34.196 D	-0.480 C	27.509	1448.6
158.1	161.20	34.202 D	-0.475 C	27.513	1448.6
159.1	162.15	34.208 D	-0.467 C	27.518	1448.7
160.1	163.05	34.221 D	-0.456 C	27.528	1448.8

EXPERIMENT 716



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 716

LAT. N80 34.0

LONG. W79 33.0

WATER DEPTH 519

DEPTH INCR. 1.00

DATE 040473

LOCAL TIME 1500

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
3.3	3.30	24.881 E	-0.503 D	20.000	1433.0
4.3	4.30	28.921 E	-0.481 D	23.253	1438.7
5.3	5.30	30.251 E	-0.564 D	24.328	1440.2
6.3	6.30	30.839 E	-0.642 D	24.805	1440.6
7.3	7.30	30.972 E	-0.612 D	24.912	1441.0
8.3	8.30	31.063 E	-0.710 D	24.988	1440.7
9.3	9.30	31.200 E	-0.627 D	25.095	1441.3
10.3	10.30	31.388 E	-0.913 D	25.256	1440.2
11.3	11.30	31.386 E	-0.985 D	25.256	1439.9
12.3	12.30	31.417 E	-1.014 D	25.282	1439.8
13.3	13.30	31.446 E	-1.037 D	25.306	1439.7
14.3	14.30	31.472 E	-1.049 D	25.328	1439.7
15.3	15.30	31.513 E	-1.059 D	25.361	1439.8
16.3	16.30	31.549 E	-1.070 D	25.390	1439.8
17.3	17.30	31.603 E	-1.084 D	25.434	1439.8
18.3	18.30	31.642 E	-1.088 D	25.466	1439.9
19.3	19.30	31.685 E	-1.106 D	25.501	1439.8
20.3	20.30	31.725 E	-1.129 D	25.534	1439.8
21.3	21.30	31.758 E	-1.143 D	25.561	1439.8
22.3	22.30	31.792 E	-1.161 D	25.589	1439.8
23.3	23.30	31.820 E	-1.206 D	25.613	1439.6
24.3	24.30	31.848 E	-1.248 D	25.636	1439.5
25.3	25.30	31.858 E	-1.255 D	25.645	1439.5
26.3	26.30	31.879 E	-1.269 D	25.662	1439.5
27.3	27.30	31.893 E	-1.300 D	25.674	1439.4
28.3	28.30	31.906 E	-1.313 D	25.685	1439.3
29.3	29.30	31.926 E	-1.309 D	25.701	1439.4
30.3	30.30	31.942 E	-1.326 D	25.714	1439.3
31.3	31.30	31.955 E	-1.333 D	25.725	1439.3
32.3	32.30	31.968 E	-1.336 D	25.736	1439.4
33.3	33.30	31.977 E	-1.336 D	25.743	1439.4
34.3	34.30	32.000 E	-1.344 D	25.762	1439.4
35.3	35.30	32.015 E	-1.340 D	25.774	1439.5
36.3	36.30	32.033 E	-1.348 D	25.789	1439.5
37.3	37.30	32.048 E	-1.328 D	25.801	1439.6
38.3	38.30	32.068 E	-1.342 D	25.817	1439.6
39.3	39.30	32.095 E	-1.330 D	25.838	1439.7
40.3	40.30	32.127 E	-1.325 D	25.865	1439.8
41.3	41.30	32.162 E	-1.326 D	25.892	1439.8
42.3	42.30	32.195 E	-1.329 D	25.919	1439.9
43.3	43.30	32.240 E	-1.340 D	25.956	1439.9
44.3	44.30	32.286 E	-1.350 D	25.993	1439.9
45.3	45.30	32.333 E	-1.362 D	26.032	1440.0
46.3	46.30	32.379 E	-1.375 D	26.069	1440.0
47.3	47.30	32.424 E	-1.387 D	26.106	1440.0
48.3	48.30	32.474 E	-1.413 D	26.147	1440.0
49.3	49.30	32.516 E	-1.417 D	26.182	1440.0
50.3	50.30	32.544 E	-1.426 D	26.204	1440.0
51.3	51.30	32.594 E	-1.438 D	26.245	1440.1
52.3	52.30	32.640 E	-1.464 D	26.283	1440.0
53.3	53.30	32.742 E	-1.483 D	26.366	1440.1
54.3	54.30	32.758 E	-1.484 D	26.379	1440.1
55.3	55.30	32.782 E	-1.478 D	26.398	1440.2
56.3	56.30	32.844 E	-1.467 D	26.449	1440.4
57.3	57.30	32.893 E	-1.475 D	26.488	1440.4
58.3	58.30	32.917 E	-1.473 D	26.507	1440.5
59.3	59.30	32.939 E	-1.446 D	26.525	1440.7
60.3	60.30	32.975 E	-1.445 D	26.554	1440.7
61.3	61.30	33.008 E	-1.429 D	26.580	1440.9
62.3	62.30	33.040 E	-1.427 D	26.606	1440.9
63.3	63.30	33.066 E	-1.427 D	26.627	1441.0
64.3	64.30	33.080 E	-1.406 D	26.638	1441.1
65.3	65.30	33.125 E	-1.417 D	26.675	1441.2

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
66.3	66.30	33.138 E	-1.418 D	26.686	1441.2
67.3	67.30	33.171 E	-1.404 D	26.712	1441.3
68.3	68.30	33.180 E	-1.404 D	26.719	1441.3
69.3	69.30	33.207 E	-1.329 D	26.739	1441.8
70.3	70.30	33.235 E	-1.298 D	26.760	1442.0
71.3	71.30	33.273 E	-1.290 D	26.791	1442.1
72.3	72.30	33.301 E	-1.280 D	26.814	1442.2
73.3	73.30	33.333 E	-1.304 D	26.840	1442.1
74.3	74.30	33.344 E	-1.305 D	26.849	1442.1
75.3	75.30	33.384 E	-1.372 D	26.883	1441.9
77.3	77.30	33.422 E	-1.307 D	26.912	1442.3
79.3	79.30	33.415 E	-1.234 D	26.904	1442.7
80.3	80.30	33.485 E	-1.390 D	26.965	1442.0
81.3	81.30	33.477 E	-1.370 D	26.959	1442.1
82.3	82.30	33.477 E	-1.335 D	26.958	1442.3
83.3	83.30	33.500 E	-1.290 D	26.975	1442.6
84.3	84.30	33.499 E	-1.209 D	26.972	1443.0
85.3	85.30	33.529 E	-1.167 D	26.995	1443.2
86.3	86.30	33.539 E	-1.105 D	27.001	1443.5
87.3	87.30	33.564 E	-1.065 D	27.020	1443.8
88.3	88.30	33.582 E	-1.035 D	27.033	1444.0
89.3	89.30	33.597 E	-1.010 D	27.044	1444.1
90.3	90.30	33.610 E	-0.983 D	27.054	1444.3
91.3	91.30	33.627 E	-0.959 D	27.067	1444.4
92.3	92.30	33.642 E	-0.928 D	27.078	1444.6
93.3	93.30	33.660 E	-0.923 D	27.093	1444.7
94.3	94.30	33.668 E	-0.911 D	27.099	1444.8
95.3	95.30	33.680 E	-0.898 D	27.108	1444.9
96.3	96.30	33.693 E	-0.886 D	27.118	1445.0
97.3	97.30	33.700 E	-0.877 D	27.124	1445.0
98.3	98.30	33.712 E	-0.857 D	27.133	1445.1
99.3	99.30	33.726 E	-0.851 D	27.144	1445.2
100.3	100.30	33.737 E	-0.842 D	27.152	1445.3
101.3	101.30	33.749 E	-0.835 D	27.162	1445.4
102.3	102.30	33.760 E	-0.828 D	27.170	1445.4
103.3	103.30	33.769 E	-0.821 D	27.177	1445.5
104.3	104.30	33.780 E	-0.814 D	27.186	1445.5
105.3	105.30	33.791 D	-0.807 C	27.195	1445.6
106.3	106.30	33.800 D	-0.800 C	27.201	1445.7
107.3	107.30	33.807 D	-0.794 C	27.207	1445.7
108.3	108.30	33.816 D	-0.788 C	27.214	1445.8
109.3	109.30	33.825 D	-0.780 C	27.220	1445.8
110.3	110.30	33.834 D	-0.774 C	27.228	1445.9
111.3	111.30	33.844 D	-0.767 C	27.236	1446.0
112.3	112.30	33.850 D	-0.764 C	27.241	1446.0
113.3	113.30	33.854 D	-0.762 C	27.243	1446.0
114.3	114.30	33.857 D	-0.759 C	27.246	1446.1
115.3	115.30	33.863 D	-0.752 C	27.251	1446.1
116.3	116.30	33.873 D	-0.743 C	27.258	1446.2
117.3	117.30	33.883 D	-0.736 C	27.266	1446.3
118.3	118.30	33.893 D	-0.728 C	27.274	1446.3
119.3	119.30	33.901 D	-0.723 C	27.280	1446.4
120.3	120.30	33.909 D	-0.717 C	27.286	1446.4
121.3	121.30	33.916 D	-0.710 C	27.292	1446.5
122.3	122.30	33.924 D	-0.704 C	27.298	1446.6
123.3	123.30	33.933 D	-0.698 C	27.305	1446.6
124.3	124.30	33.938 D	-0.694 C	27.309	1446.6
125.3	125.30	33.946 D	-0.688 C	27.315	1446.7
126.3	126.30	33.952 D	-0.681 C	27.320	1446.8
127.3	127.30	33.962 D	-0.672 C	27.327	1446.8
128.3	128.30	33.972 D	-0.667 C	27.335	1446.9
129.3	129.30	33.979 D	-0.662 C	27.341	1446.9
130.3	130.30	33.984 D	-0.657 C	27.344	1447.0
131.3	131.30	33.991 D	-0.650 C	27.350	1447.0
132.3	132.30	34.001 D	-0.644 C	27.358	1447.1
133.3	133.30	34.007 D	-0.635 C	27.362	1447.2
134.3	134.30	34.016 D	-0.629 C	27.369	1447.2
135.3	135.30	34.025 D	-0.623 C	27.376	1447.3
136.3	136.30	34.031 D	-0.617 C	27.381	1447.3
137.3	137.30	34.040 D	-0.609 C	27.388	1447.4

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
138.3	138.30	34.050 D	-0.603 C	27.396	1447.5
139.3	139.30	34.058 D	-0.596 C	27.402	1447.5
140.3	140.30	34.065 D	-0.590 C	27.407	1447.6
141.3	141.30	34.073 D	-0.583 C	27.414	1447.6
142.3	142.30	34.080 D	-0.577 C	27.419	1447.7
143.3	143.30	34.089 D	-0.570 C	27.426	1447.7
144.3	144.30	34.096 D	-0.565 C	27.431	1447.8
145.3	145.30	34.102 D	-0.560 C	27.436	1447.8
146.3	146.30	34.108 D	-0.554 C	27.440	1447.9
147.3	147.30	34.113 D	-0.550 C	27.444	1447.9
148.3	148.30	34.121 D	-0.542 C	27.451	1448.0
149.3	149.30	34.132 D	-0.534 C	27.459	1448.1
150.3	150.30	34.141 D	-0.525 C	27.466	1448.1
151.3	151.30	34.153 D	-0.513 C	27.475	1448.2
152.3	152.30	34.166 D	-0.501 C	27.485	1448.3
153.3	153.30	34.180 D	-0.492 C	27.496	1448.4
154.3	154.30	34.190 D	-0.484 C	27.504	1448.5
155.3	155.30	34.199 D	-0.475 C	27.511	1448.5
156.3	156.30	34.208 D	-0.466 C	27.517	1448.6
157.3	157.30	34.219 D	-0.456 C	27.526	1448.7
158.3	158.30	34.230 D	-0.446 C	27.534	1448.8
159.3	159.30	34.239 D	-0.436 C	27.541	1448.8
160.3	160.30	34.252 D	-0.426 C	27.552	1448.9
161.3	161.30	34.260 D	-0.416 C	27.558	1449.0
162.3	162.30	34.272 D	-0.407 C	27.566	1449.1
163.3	163.30	34.281 D	-0.398 C	27.574	1449.1
164.3	164.30	34.288 D	-0.393 C	27.579	1449.2
165.3	165.30	34.293 D	-0.385 C	27.583	1449.2
166.3	166.30	34.305 D	-0.375 C	27.592	1449.3
167.3	167.30	34.313 D	-0.368 C	27.598	1449.4
168.3	168.30	34.322 D	-0.359 C	27.605	1449.5
169.3	169.30	34.329 D	-0.351 C	27.610	1449.5
170.3	170.30	34.337 D	-0.343 C	27.616	1449.6
171.3	171.30	34.346 D	-0.334 C	27.623	1449.7
172.3	172.30	34.356 D	-0.326 C	27.631	1449.7
173.3	173.30	34.363 D	-0.318 C	27.636	1449.8
174.3	174.30	34.371 D	-0.309 C	27.642	1449.9
175.3	175.30	34.379 D	-0.300 C	27.648	1449.9
176.3	176.30	34.386 D	-0.294 C	27.654	1450.0
177.3	177.30	34.393 D	-0.288 C	27.659	1450.0
178.3	178.30	34.400 D	-0.280 C	27.664	1450.1
179.3	179.30	34.405 D	-0.276 C	27.668	1450.1
180.3	180.30	34.409 D	-0.270 C	27.671	1450.2
181.3	181.30	34.415 D	-0.265 C	27.676	1450.2
182.3	182.30	34.418 D	-0.261 C	27.678	1450.3
183.3	183.30	34.423 D	-0.256 C	27.682	1450.3
184.3	184.30	34.428 D	-0.252 C	27.686	1450.4
185.3	185.30	34.432 D	-0.250 C	27.689	1450.4
186.3	186.30	34.434 D	-0.244 C	27.690	1450.4
187.3	187.30	34.440 D	-0.239 C	27.695	1450.5
188.3	188.30	34.444 D	-0.233 C	27.698	1450.5
189.3	189.30	34.450 D	-0.230 C	27.703	1450.6
190.3	190.30	34.451 D	-0.227 C	27.703	1450.6
191.3	191.30	34.455 D	-0.223 C	27.706	1450.6
192.3	192.30	34.457 D	-0.221 C	27.708	1450.7
193.3	193.30	34.461 D	-0.218 C	27.710	1450.7
194.3	194.30	34.463 D	-0.215 C	27.712	1450.7
195.3	195.30	34.466 D	-0.213 C	27.715	1450.8
196.3	196.30	34.468 D	-0.211 C	27.716	1450.8
198.3	198.30	34.466 D	-0.206 C	27.714	1450.9
199.3	199.30	34.472 D	-0.200 C	27.719	1450.9
200.3	200.30	34.477 D	-0.200 C	27.723	1450.9
201.3	201.30	34.480 D	-0.197 C	27.725	1451.0
202.3	202.30	34.484 D	-0.196 C	27.728	1451.0
203.3	203.30	34.485 D	-0.193 C	27.728	1451.0
204.3	204.30	34.487 D	-0.192 C	27.730	1451.0
205.3	205.30	34.489 D	-0.190 C	27.732	1451.1
206.3	206.30	34.490 D	-0.188 C	27.733	1451.1
207.3	207.30	34.493 D	-0.186 C	27.735	1451.1
208.3	208.30	34.495 D	-0.185 C	27.737	1451.2

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
209.3	209.30	34.496 D	-0.183 C	27.737	1451.2
210.3	210.30	34.497 D	-0.180 C	27.738	1451.2
211.3	211.30	34.499 D	-0.179 C	27.740	1451.2
212.3	212.30	34.501 D	-0.177 C	27.741	1451.3
213.3	213.30	34.502 D	-0.176 C	27.741	1451.3
214.3	214.30	34.503 D	-0.175 C	27.743	1451.3
215.3	215.30	34.504 D	-0.173 C	27.743	1451.3
216.3	216.30	34.506 D	-0.171 C	27.745	1451.4
217.3	217.30	34.508 D	-0.170 C	27.746	1451.4
218.3	218.30	34.509 D	-0.169 C	27.747	1451.4
219.3	219.30	34.510 D	-0.167 C	27.748	1451.4
220.3	220.30	34.512 D	-0.167 C	27.749	1451.5
221.3	221.30	34.513 D	-0.166 C	27.750	1451.5
222.3	222.30	34.515 D	-0.163 C	27.751	1451.5
223.3	223.30	34.516 D	-0.160 C	27.752	1451.5
224.3	224.30	34.518 D	-0.158 C	27.754	1451.6
225.3	225.30	34.521 D	-0.157 C	27.756	1451.6
226.3	226.30	34.522 D	-0.156 C	27.757	1451.6
227.3	227.30	34.523 D	-0.154 C	27.757	1451.6
228.3	228.30	34.526 D	-0.151 C	27.760	1451.7
229.3	229.30	34.528 D	-0.148 C	27.762	1451.7
230.3	230.30	34.531 D	-0.146 C	27.763	1451.7
231.3	231.30	34.533 D	-0.144 C	27.765	1451.8
232.3	232.30	34.535 D	-0.142 C	27.767	1451.8
233.3	233.30	34.537 D	-0.140 C	27.768	1451.8
234.3	234.30	34.541 D	-0.139 C	27.771	1451.9
235.3	235.30	34.542 D	-0.136 C	27.772	1451.9
236.3	236.30	34.547 D	-0.133 C	27.776	1451.9
237.3	237.30	34.548 D	-0.130 C	27.777	1452.0
238.3	238.30	34.553 D	-0.126 C	27.780	1452.0
239.3	239.30	34.557 D	-0.122 C	27.783	1452.0
240.3	240.30	34.559 D	-0.119 C	27.785	1452.1
241.3	241.30	34.562 D	-0.117 C	27.787	1452.1
242.3	242.30	34.564 D	-0.111 C	27.788	1452.1
243.3	243.30	34.567 D	-0.109 C	27.791	1452.2
244.3	244.30	34.570 D	-0.105 C	27.793	1452.2
245.3	245.30	34.574 D	-0.103 C	27.796	1452.2
246.3	246.30	34.577 D	-0.100 C	27.799	1452.3
247.3	247.30	34.579 D	-0.098 C	27.800	1452.3
248.3	248.30	34.581 D	-0.095 C	27.801	1452.3
249.3	249.30	34.583 D	-0.091 C	27.803	1452.4
250.3	250.30	34.586 D	-0.088 C	27.805	1452.4
251.3	251.30	34.588 D	-0.086 C	27.806	1452.4
252.3	252.30	34.590 D	-0.084 C	27.808	1452.5
253.3	253.30	34.592 D	-0.081 C	27.809	1452.5
254.3	254.30	34.594 D	-0.079 C	27.811	1452.5
255.3	255.30	34.596 D	-0.077 C	27.812	1452.6
256.3	256.30	34.596 D	-0.075 C	27.813	1452.6
257.3	257.30	34.598 D	-0.074 C	27.814	1452.6
258.3	258.30	34.600 D	-0.073 C	27.816	1452.6
259.3	259.30	34.601 D	-0.072 C	27.816	1452.7
260.3	260.30	34.602 D	-0.070 C	27.817	1452.7
261.3	261.30	34.602 D	-0.069 C	27.818	1452.7
262.3	262.30	34.604 D	-0.068 C	27.819	1452.7
263.3	263.30	34.605 D	-0.067 C	27.820	1452.8
264.3	264.30	34.605 D	-0.065 C	27.820	1452.8
265.3	265.30	34.607 D	-0.063 C	27.821	1452.8
266.3	266.30	34.608 D	-0.062 C	27.821	1452.8
267.3	267.30	34.608 D	-0.061 C	27.821	1452.9
268.3	268.30	34.608 D	-0.060 C	27.822	1452.9
269.3	269.30	34.609 D	-0.059 C	27.823	1452.9
270.3	270.30	34.610 D	-0.058 C	27.823	1452.9
271.3	271.30	34.612 D	-0.056 C	27.824	1452.9
272.3	272.30	34.612 D	-0.054 C	27.825	1453.0
273.3	273.30	34.614 D	-0.055 C	27.826	1453.0
274.3	274.30	34.614 D	-0.053 C	27.826	1453.0
275.3	275.30	34.614 D	-0.052 C	27.826	1453.0
276.3	276.30	34.615 D	-0.052 C	27.827	1453.0
277.3	277.30	34.615 D	-0.051 C	27.827	1453.1
278.3	278.30	34.616 D	-0.050 C	27.827	1453.1

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
279.3	279.30	34.616 D	-0.049 C	27.827	1453.1
280.3	280.30	34.617 D	-0.048 C	27.828	1453.1
281.3	281.30	34.618 D	-0.048 C	27.829	1453.2
282.3	282.30	34.618 D	-0.047 C	27.829	1453.2
283.3	283.30	34.618 D	-0.046 C	27.829	1453.2
284.3	284.30	34.618 D	-0.045 C	27.829	1453.2
285.3	285.30	34.619 D	-0.045 C	27.830	1453.2
286.3	286.30	34.619 D	-0.044 C	27.830	1453.3
287.3	287.30	34.620 D	-0.044 C	27.831	1453.3
288.3	288.30	34.621 D	-0.044 C	27.831	1453.3
289.3	289.30	34.620 D	-0.042 C	27.831	1453.3
290.3	290.30	34.621 D	-0.042 C	27.831	1453.3
291.3	291.30	34.621 D	-0.041 C	27.831	1453.4
292.3	292.30	34.622 D	-0.040 C	27.832	1453.4
293.3	293.30	34.623 D	-0.040 C	27.832	1453.4
294.3	294.30	34.623 D	-0.040 C	27.833	1453.4
295.3	295.30	34.622 D	-0.038 C	27.832	1453.4
296.3	296.30	34.624 D	-0.038 C	27.833	1453.5
297.3	297.30	34.624 D	-0.038 C	27.833	1453.5
298.3	298.30	34.624 D	-0.038 C	27.834	1453.5
299.3	299.30	34.624 D	-0.037 C	27.833	1453.5
300.3	300.30	34.623 D	-0.036 C	27.832	1453.5
301.3	301.30	34.624 D	-0.035 C	27.833	1453.5
302.3	302.30	34.625 D	-0.035 C	27.834	1453.6
303.3	303.30	34.623 D	-0.033 C	27.832	1453.6
304.3	304.30	34.624 D	-0.032 C	27.833	1453.6
305.3	305.30	34.624 D	-0.032 C	27.833	1453.6
306.3	306.30	34.625 D	-0.032 C	27.834	1453.6
307.3	307.30	34.625 D	-0.031 C	27.834	1453.7
308.3	308.30	34.625 D	-0.030 C	27.833	1453.7
309.3	309.30	34.627 D	-0.030 C	27.835	1453.7
310.3	310.30	34.626 D	-0.029 C	27.834	1453.7
311.3	311.30	34.626 D	-0.029 C	27.835	1453.7
312.3	312.30	34.627 D	-0.029 C	27.835	1453.8
313.3	313.30	34.626 D	-0.028 C	27.834	1453.8
314.3	314.30	34.627 D	-0.027 C	27.835	1453.8
315.3	315.30	34.627 D	-0.027 C	27.835	1453.8
316.3	316.30	34.627 D	-0.027 C	27.835	1453.8
317.3	317.30	34.628 D	-0.026 C	27.836	1453.9
318.3	318.30	34.628 D	-0.026 C	27.836	1453.9
319.3	319.30	34.628 D	-0.026 C	27.836	1453.9
320.3	320.30	34.628 D	-0.025 C	27.836	1453.9
321.3	321.30	34.629 D	-0.025 C	27.837	1453.9
322.3	322.30	34.629 D	-0.024 C	27.837	1453.9
323.3	323.30	34.628 D	-0.023 C	27.836	1454.0
324.3	324.30	34.628 D	-0.023 C	27.836	1454.0
325.3	325.30	34.628 D	-0.023 C	27.836	1454.0
326.3	326.30	34.628 D	-0.023 C	27.836	1454.0
327.3	327.30	34.630 D	-0.023 C	27.837	1454.0
328.3	328.30	34.630 D	-0.023 C	27.838	1454.1
329.3	329.30	34.631 D	-0.023 C	27.838	1454.1
330.3	330.30	34.630 D	-0.022 C	27.838	1454.1
331.3	331.30	34.629 D	-0.020 C	27.837	1454.1
332.3	332.30	34.630 D	-0.021 C	27.837	1454.1
333.3	333.30	34.631 D	-0.021 C	27.838	1454.1
334.3	334.30	34.631 D	-0.021 C	27.838	1454.2
335.3	335.30	34.631 D	-0.020 C	27.838	1454.2
336.3	336.30	34.631 D	-0.020 C	27.838	1454.2
337.3	337.30	34.630 D	-0.019 C	27.837	1454.2
338.3	338.30	34.631 D	-0.018 C	27.838	1454.2
339.3	339.30	34.632 D	-0.018 C	27.839	1454.3
340.3	340.30	34.630 D	-0.017 C	27.837	1454.3
341.3	341.30	34.631 D	-0.016 C	27.838	1454.3
342.3	342.30	34.632 D	-0.016 C	27.838	1454.3
343.3	343.30	34.631 D	-0.015 C	27.838	1454.3
344.3	344.30	34.632 D	-0.016 C	27.839	1454.4
345.3	345.30	34.631 D	-0.015 C	27.838	1454.4
346.3	346.30	34.632 D	-0.014 C	27.839	1454.4
347.3	347.30	34.633 D	-0.015 C	27.839	1454.4
348.3	348.30	34.631 D	-0.015 C	27.838	1454.4

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
349.3	349.30	34.632 D	-0.015 C	27.839	1454.4
350.3	350.30	34.632 D	-0.014 C	27.839	1454.5
351.3	351.30	34.632 D	-0.014 C	27.838	1454.5
352.3	352.30	34.632 D	-0.014 C	27.839	1454.5
353.3	353.30	34.633 D	-0.013 C	27.839	1454.5
354.3	354.30	34.633 D	-0.013 C	27.839	1454.5
355.3	355.30	34.634 D	-0.013 C	27.840	1454.6
356.3	356.30	34.634 D	-0.013 C	27.840	1454.6
357.3	357.30	34.634 D	-0.013 C	27.840	1454.6
358.3	358.30	34.633 D	-0.013 C	27.840	1454.6
359.3	359.30	34.633 D	-0.012 C	27.839	1454.6
360.3	360.30	34.632 D	-0.011 C	27.839	1454.6
361.3	361.30	34.633 D	-0.010 C	27.839	1454.7
362.3	362.30	34.634 D	-0.010 C	27.840	1454.7
363.3	363.30	34.635 D	-0.010 C	27.840	1454.7
364.3	364.30	34.634 D	-0.011 C	27.840	1454.7
365.3	365.30	34.634 D	-0.011 C	27.840	1454.7
366.3	366.30	34.634 D	-0.011 C	27.840	1454.7
367.3	367.30	34.634 D	-0.008 C	27.840	1454.8
368.3	368.30	34.634 D	-0.008 C	27.840	1454.8
369.3	369.30	34.633 D	-0.009 C	27.839	1454.8
370.3	370.30	34.633 D	-0.009 C	27.840	1454.8
371.3	371.30	34.633 D	-0.009 C	27.839	1454.8
372.3	372.30	34.635 D	-0.009 C	27.841	1454.8
373.3	373.30	34.634 D	-0.008 C	27.840	1454.9
374.3	374.30	34.633 D	-0.007 C	27.839	1454.9
375.3	375.30	34.635 D	-0.007 C	27.841	1454.9
376.3	376.30	34.634 D	-0.006 C	27.840	1454.9
377.3	377.30	34.634 D	-0.005 C	27.840	1454.9
378.3	378.30	34.635 D	-0.006 C	27.841	1455.0
379.3	379.30	34.635 D	-0.006 C	27.841	1455.0
380.3	380.30	34.635 D	-0.005 C	27.841	1455.0
381.3	381.30	34.635 D	-0.005 C	27.840	1455.0
382.3	382.30	34.634 D	-0.004 C	27.840	1455.0
383.3	383.30	34.636 D	-0.005 C	27.841	1455.0
384.3	384.30	34.635 D	-0.005 C	27.841	1455.1
385.3	385.30	34.635 D	-0.004 C	27.840	1455.1
386.3	386.30	34.636 D	-0.004 C	27.841	1455.1
387.3	387.30	34.635 D	-0.003 C	27.841	1455.1
388.3	388.30	34.635 D	-0.003 C	27.840	1455.1
389.3	389.30	34.634 D	-0.002 C	27.840	1455.2
390.3	390.30	34.636 D	-0.002 C	27.841	1455.2
391.3	391.30	34.636 D	-0.002 C	27.842	1455.2
392.3	392.30	34.636 D	-0.001 C	27.841	1455.2
393.3	393.30	34.635 D	-0.001 C	27.840	1455.2
394.3	394.30	34.634 D	-0.001 C	27.840	1455.2
395.3	395.30	34.635 D	-0.000 C	27.840	1455.3
396.3	396.30	34.635 D	-0.000 C	27.840	1455.3
397.3	397.30	34.636 D	-0.000 C	27.841	1455.3
398.3	398.30	34.637 D	-0.000 C	27.842	1455.3
399.3	399.30	34.636 D	0.000 C	27.841	1455.3
400.3	400.30	34.636 D	0.001 C	27.841	1455.4
401.3	401.30	34.635 D	0.001 C	27.840	1455.4
402.3	402.30	34.636 D	0.001 C	27.841	1455.4
403.3	403.30	34.637 D	0.000 C	27.842	1455.4
404.3	404.30	34.636 D	0.001 C	27.841	1455.4
405.3	405.30	34.635 D	0.002 C	27.840	1455.4
406.3	406.30	34.637 D	0.002 C	27.842	1455.5
407.3	407.30	34.635 D	0.003 C	27.840	1455.5
408.3	408.30	34.637 D	0.002 C	27.842	1455.5
409.3	409.30	34.635 D	0.002 C	27.840	1455.5
410.3	410.30	34.637 D	0.003 C	27.842	1455.5
411.3	411.30	34.635 D	0.003 C	27.840	1455.5
412.3	412.30	34.637 D	0.003 C	27.842	1455.6
413.3	413.30	34.636 D	0.003 C	27.841	1455.6
414.3	414.30	34.636 D	0.003 C	27.841	1455.6
415.3	415.30	34.637 D	0.004 C	27.842	1455.6
416.3	416.30	34.637 D	0.004 C	27.842	1455.6
417.3	417.30	34.636 D	0.004 C	27.841	1455.6
418.3	418.30	34.636 D	0.005 C	27.841	1455.7

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
419.3	419.30	34.636 D	0.005 C	27.841	1455.7
420.3	420.30	34.637 D	0.005 C	27.842	1455.7
421.3	421.30	34.636 D	0.005 C	27.841	1455.7
422.3	422.30	34.637 D	0.005 C	27.841	1455.7
423.3	423.30	34.638 D	0.005 C	27.842	1455.8
424.3	424.30	34.637 D	0.005 C	27.841	1455.8
425.3	425.30	34.637 D	0.005 C	27.841	1455.8
426.3	426.30	34.638 D	0.005 C	27.842	1455.8
427.3	427.30	34.638 D	0.005 C	27.842	1455.8
428.3	428.30	34.638 D	0.005 C	27.843	1455.8
429.3	429.30	34.638 D	0.005 C	27.843	1455.9
430.3	430.30	34.638 D	0.005 C	27.842	1455.9
431.3	431.30	34.638 D	0.005 C	27.843	1455.9
432.3	432.30	34.638 D	0.006 C	27.843	1455.9
433.3	433.30	34.639 D	0.005 C	27.843	1455.9
434.3	434.30	34.637 D	0.006 C	27.842	1455.9
435.3	435.30	34.637 D	0.006 C	27.841	1456.0
436.3	436.30	34.637 D	0.007 C	27.841	1456.0
437.3	437.30	34.638 D	0.007 C	27.842	1456.0
438.3	438.30	34.638 D	0.007 C	27.842	1456.0
439.3	439.30	34.637 D	0.007 C	27.842	1456.0
440.3	440.30	34.639 D	0.007 C	27.843	1456.0
441.3	441.30	34.638 D	0.007 C	27.842	1456.1
442.3	442.30	34.636 D	0.008 C	27.841	1456.1
443.3	443.30	34.638 D	0.008 C	27.843	1456.1
444.3	444.30	34.637 D	0.008 C	27.841	1456.1
445.3	445.30	34.638 D	0.008 C	27.842	1456.1
446.3	446.30	34.637 D	0.008 C	27.842	1456.1
447.3	447.30	34.638 D	0.008 C	27.842	1456.2
448.3	448.30	34.639 D	0.008 C	27.843	1456.2
449.3	449.30	34.637 D	0.009 C	27.841	1456.2
450.3	450.30	34.639 D	0.008 C	27.843	1456.2
451.3	451.30	34.638 D	0.008 C	27.842	1456.2
452.3	452.30	34.638 D	0.008 C	27.843	1456.2
453.3	453.30	34.639 D	0.008 C	27.843	1456.3
454.3	454.30	34.637 D	0.009 C	27.842	1456.3
455.3	455.30	34.639 D	0.008 C	27.843	1456.3
456.3	456.30	34.638 D	0.009 C	27.843	1456.3
457.3	457.30	34.638 D	0.009 C	27.842	1456.3
458.3	458.30	34.639 D	0.009 C	27.843	1456.3
459.3	459.30	34.640 D	0.009 C	27.844	1456.4
460.3	460.30	34.638 D	0.009 C	27.843	1456.4
461.3	461.30	34.637 D	0.010 C	27.842	1456.4
462.3	462.30	34.638 D	0.009 C	27.842	1456.4
463.3	463.30	34.638 D	0.009 C	27.843	1456.4
464.3	464.30	34.639 D	0.009 C	27.843	1456.4
465.3	465.30	34.640 D	0.009 C	27.844	1456.5
466.3	466.30	34.640 D	0.009 C	27.844	1456.5
467.3	467.30	34.640 D	0.009 C	27.844	1456.5
468.3	468.30	34.639 D	0.010 C	27.843	1456.5
469.3	469.30	34.638 D	0.010 C	27.842	1456.5
470.3	470.30	34.638 D	0.010 C	27.842	1456.5
471.3	471.30	34.638 D	0.010 C	27.842	1456.6
472.3	472.30	34.640 D	0.010 C	27.844	1456.6
473.3	473.30	34.640 D	0.010 C	27.844	1456.6
474.3	474.30	34.638 D	0.010 C	27.842	1456.6
475.3	475.30	34.640 D	0.010 C	27.844	1456.6
476.3	476.30	34.639 D	0.010 C	27.843	1456.7
477.3	477.30	34.640 D	0.010 C	27.844	1456.7
478.3	478.30	34.640 D	0.011 C	27.843	1456.7
479.3	479.30	34.640 D	0.010 C	27.844	1456.7
480.3	480.30	34.639 D	0.011 C	27.843	1456.7
481.3	481.30	34.639 D	0.010 C	27.843	1456.7
482.3	482.30	34.640 D	0.010 C	27.843	1456.8
483.3	483.30	34.640 D	0.011 C	27.844	1456.8
484.3	484.30	34.639 D	0.011 C	27.843	1456.8
485.3	485.30	34.638 D	0.011 C	27.842	1456.8
486.3	486.30	34.639 D	0.011 C	27.843	1456.8
487.3	487.30	34.640 D	0.011 C	27.844	1456.8
488.3	488.30	34.640 D	0.011 C	27.844	1456.9

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
489.3	489.30	34.641 D	0.011 C	27.844	1456.9
490.3	490.30	34.639 D	0.011 C	27.843	1456.9
491.3	491.30	34.639 D	0.011 C	27.843	1456.9
492.3	492.30	34.640 D	0.011 C	27.844	1456.9
493.3	493.30	34.641 D	0.011 C	27.844	1456.9
494.3	494.30	34.640 D	0.011 C	27.844	1457.0
495.3	495.30	34.641 D	0.011 C	27.845	1457.0
496.3	496.30	34.641 D	0.012 C	27.844	1457.0

EXPERIMENT 718

TEMPERATURE, C

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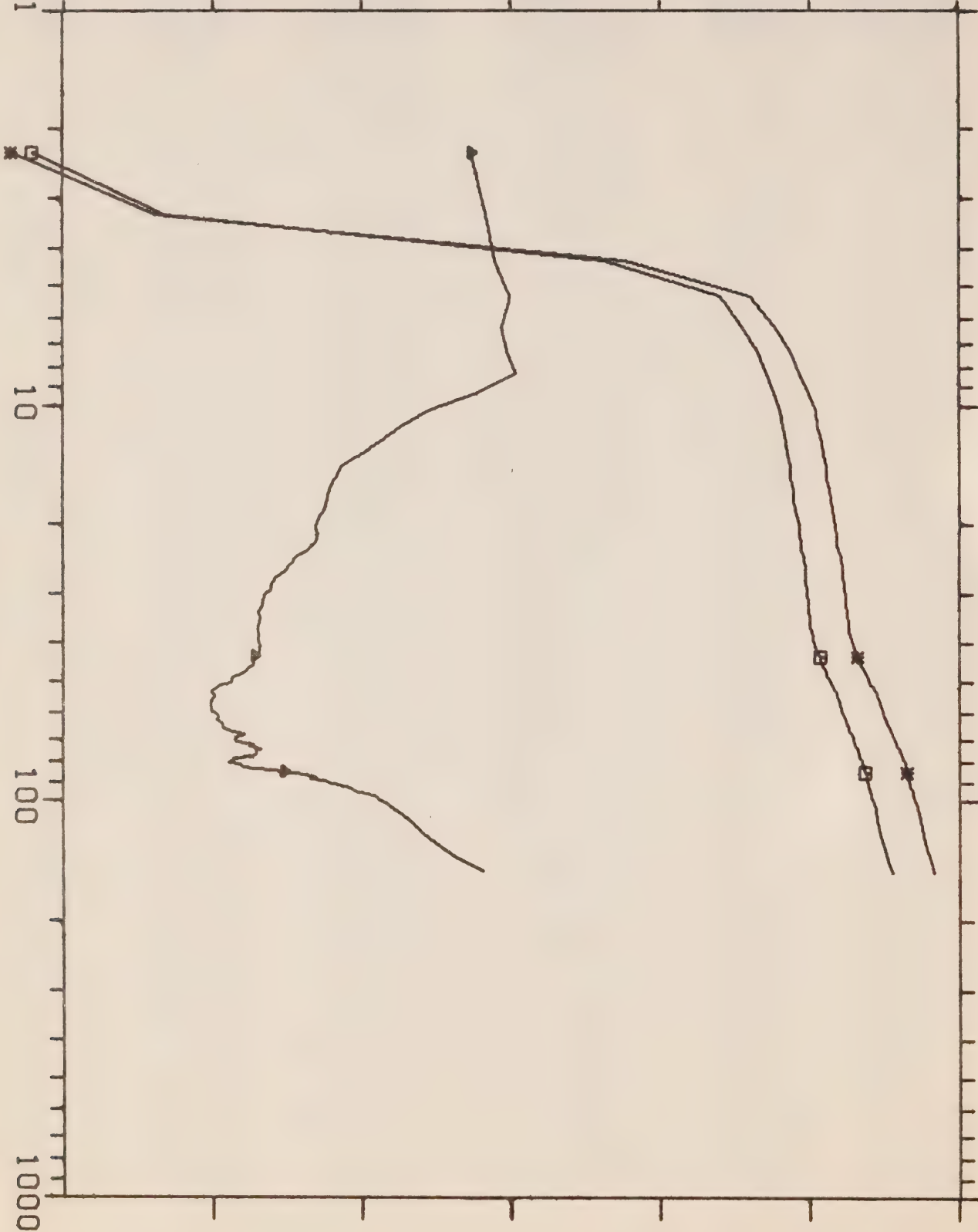
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SIGMAT

10.00 13.00 16.00 19.00 22.00 25.00 28.00

DEPTH M



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 718

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

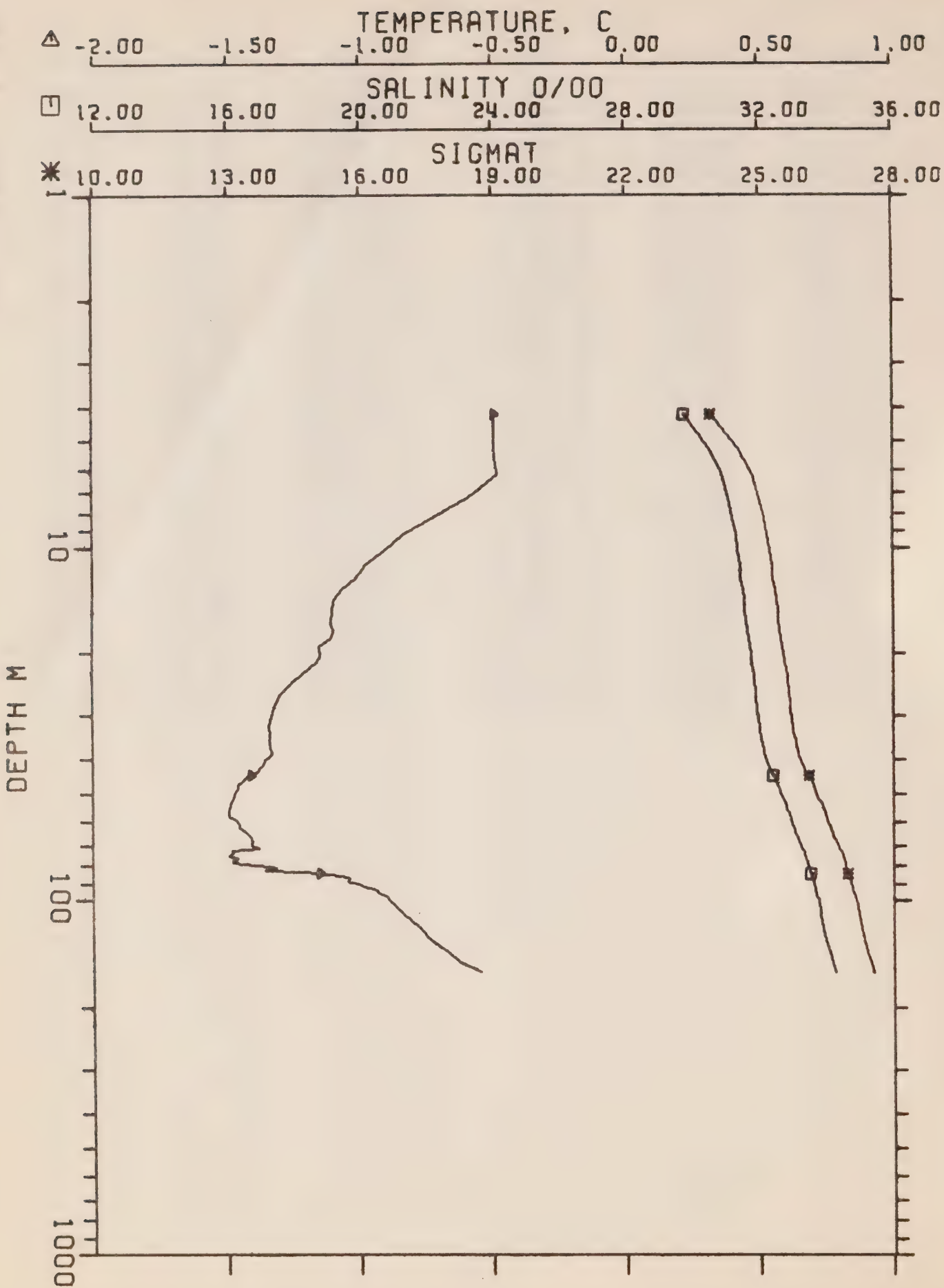
DATE 050473

LOCAL TIME 1030

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
2.3	2.30	11.142 E	-0.629 D	8.959	1413.9
3.3	3.30	14.700 E	-0.579 D	11.815	1418.9
4.3	4.30	26.460 E	-0.549 D	21.272	1435.0
5.3	5.30	29.583 E	-0.499 D	23.788	1439.5
6.3	6.30	30.174 E	-0.528 D	24.265	1440.2
7.3	7.30	30.615 E	-0.511 D	24.620	1440.9
8.3	8.30	30.836 E	-0.480 D	24.797	1441.4
9.3	9.30	31.044 E	-0.609 D	24.969	1441.1
10.3	10.30	31.210 E	-0.774 D	25.109	1440.6
11.3	11.30	31.277 E	-0.870 D	25.165	1440.3
12.3	12.30	31.368 E	-0.941 D	25.241	1440.1
13.3	13.30	31.401 E	-1.007 D	25.269	1439.8
14.3	14.30	31.463 E	-1.072 D	25.321	1439.6
15.3	15.30	31.481 E	-1.089 D	25.335	1439.6
16.3	16.30	31.542 E	-1.109 D	25.385	1439.6
17.3	17.30	31.573 E	-1.117 D	25.411	1439.6
18.3	18.30	31.607 E	-1.125 D	25.438	1439.6
19.3	19.30	31.672 E	-1.146 D	25.491	1439.6
20.3	20.30	31.704 E	-1.157 D	25.518	1439.6
21.3	21.30	31.724 E	-1.144 D	25.534	1439.8
22.3	22.30	31.742 E	-1.158 D	25.549	1439.7
23.3	23.30	31.777 E	-1.186 D	25.578	1439.7
24.3	24.30	31.839 E	-1.221 D	25.628	1439.6
26.3	26.30	31.881 E	-1.258 D	25.664	1439.5
27.3	27.30	31.893 E	-1.288 D	25.674	1439.4
28.3	28.30	31.897 E	-1.305 D	25.678	1439.4
29.3	29.30	31.911 E	-1.306 D	25.689	1439.4
30.3	30.30	31.936 E	-1.330 D	25.710	1439.3
31.3	31.30	31.948 E	-1.334 D	25.719	1439.3
32.3	32.30	31.958 E	-1.334 D	25.728	1439.4
33.3	33.30	31.979 E	-1.349 D	25.745	1439.3
34.3	34.30	31.991 E	-1.340 D	25.755	1439.4
35.3	35.30	32.012 E	-1.345 D	25.772	1439.4
36.3	36.30	32.013 E	-1.351 D	25.773	1439.4
37.3	37.30	32.038 E	-1.349 D	25.793	1439.5
38.3	38.30	32.061 E	-1.345 D	25.811	1439.6
39.3	39.30	32.084 E	-1.349 D	25.830	1439.6
40.3	40.30	32.131 E	-1.340 D	25.868	1439.7
41.3	41.30	32.178 E	-1.345 D	25.906	1439.8
42.3	42.30	32.194 E	-1.343 D	25.919	1439.8
43.3	43.30	32.262 E	-1.358 D	25.974	1439.9
44.3	44.30	32.293 E	-1.365 D	26.000	1439.9
45.3	45.30	32.334 E	-1.366 D	26.033	1440.0
46.3	46.30	32.400 E	-1.382 D	26.087	1440.0
47.3	47.30	32.422 E	-1.394 D	26.104	1440.0
48.3	48.30	32.457 E	-1.420 D	26.134	1439.9
49.3	49.30	32.512 E	-1.438 D	26.179	1439.9
50.3	50.30	32.557 E	-1.438 D	26.215	1440.0
51.3	51.30	32.603 E	-1.482 D	26.254	1439.9
52.3	52.30	32.648 E	-1.495 D	26.291	1439.9
53.3	53.30	32.724 E	-1.510 D	26.352	1440.0
54.3	54.30	32.723 E	-1.497 D	26.351	1440.0
55.3	55.30	32.770 E	-1.503 D	26.390	1440.1
56.3	56.30	32.796 E	-1.509 D	26.411	1440.1
57.3	57.30	32.812 E	-1.511 D	26.424	1440.1
58.3	58.30	32.851 E	-1.506 D	26.455	1440.2
59.3	59.30	32.854 E	-1.504 D	26.458	1440.3
60.3	60.30	32.888 E	-1.492 D	26.485	1440.4
61.3	61.30	32.901 E	-1.479 D	26.494	1440.5
62.3	62.30	32.954 E	-1.488 D	26.538	1440.5
63.3	63.30	32.953 E	-1.479 D	26.537	1440.6
64.3	64.30	32.985 E	-1.467 D	26.562	1440.7
65.3	65.30	33.023 E	-1.463 D	26.593	1440.8

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
66.3	66.30	33.056 E	-1.449 D	26.619	1440.9
67.3	67.30	33.085 E	-1.434 D	26.642	1441.1
68.3	68.30	33.109 E	-1.388 D	26.661	1441.3
69.3	69.30	33.146 E	-1.426 D	26.692	1441.2
70.3	70.30	33.152 E	-1.432 D	26.697	1441.2
71.3	71.30	33.200 E	-1.420 D	26.736	1441.3
72.3	72.30	33.210 E	-1.359 D	26.742	1441.7
73.3	73.30	33.245 E	-1.382 D	26.771	1441.6
74.3	74.30	33.279 E	-1.337 D	26.797	1441.9
75.3	75.30	33.293 E	-1.357 D	26.809	1441.8
76.3	76.30	33.318 E	-1.353 D	26.829	1441.9
77.3	77.30	33.339 E	-1.368 D	26.847	1441.9
78.3	78.30	33.350 E	-1.437 D	26.858	1441.6
79.3	79.30	33.409 E	-1.434 D	26.905	1441.7
80.3	80.30	33.415 E	-1.452 D	26.910	1441.6
81.3	81.30	33.434 E	-1.410 D	26.925	1441.9
82.3	82.30	33.443 E	-1.399 D	26.931	1442.0
84.3	84.30	33.475 E	-1.259 D	26.954	1442.7
86.3	86.30	33.515 E	-1.189 D	26.984	1443.1
87.3	87.30	33.506 E	-1.151 D	26.976	1443.3
88.3	88.30	33.513 E	-1.173 D	26.982	1443.2
89.3	89.30	33.511 E	-1.126 D	26.979	1443.5
90.3	90.30	33.554 E	-1.102 D	27.012	1443.7
91.3	91.30	33.570 E	-1.064 D	27.024	1443.9
92.3	92.30	33.566 E	-1.066 D	27.021	1443.9
93.3	93.30	33.596 E	-1.037 D	27.045	1444.1
94.3	94.30	33.612 E	-1.024 D	27.058	1444.2
95.3	95.30	33.631 E	-1.006 D	27.072	1444.3
96.3	96.30	33.627 E	-0.978 D	27.068	1444.4
97.3	97.30	33.631 E	-0.963 D	27.070	1444.5
98.3	98.30	33.659 E	-0.947 D	27.092	1444.7
99.3	99.30	33.676 E	-0.939 D	27.106	1444.7
100.3	100.30	33.709 E	-0.927 D	27.132	1444.8
111.3	111.30	33.807 D	-0.842 C	27.209	1445.6
121.3	121.30	33.893 D	-0.791 C	27.276	1446.1
131.3	131.30	33.985 D	-0.728 C	27.348	1446.7
141.3	141.30	34.073 D	-0.668 C	27.417	1447.2
151.3	151.30	34.183 D	-0.588 C	27.502	1447.9

EXPERIMENT 1719



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 1719

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

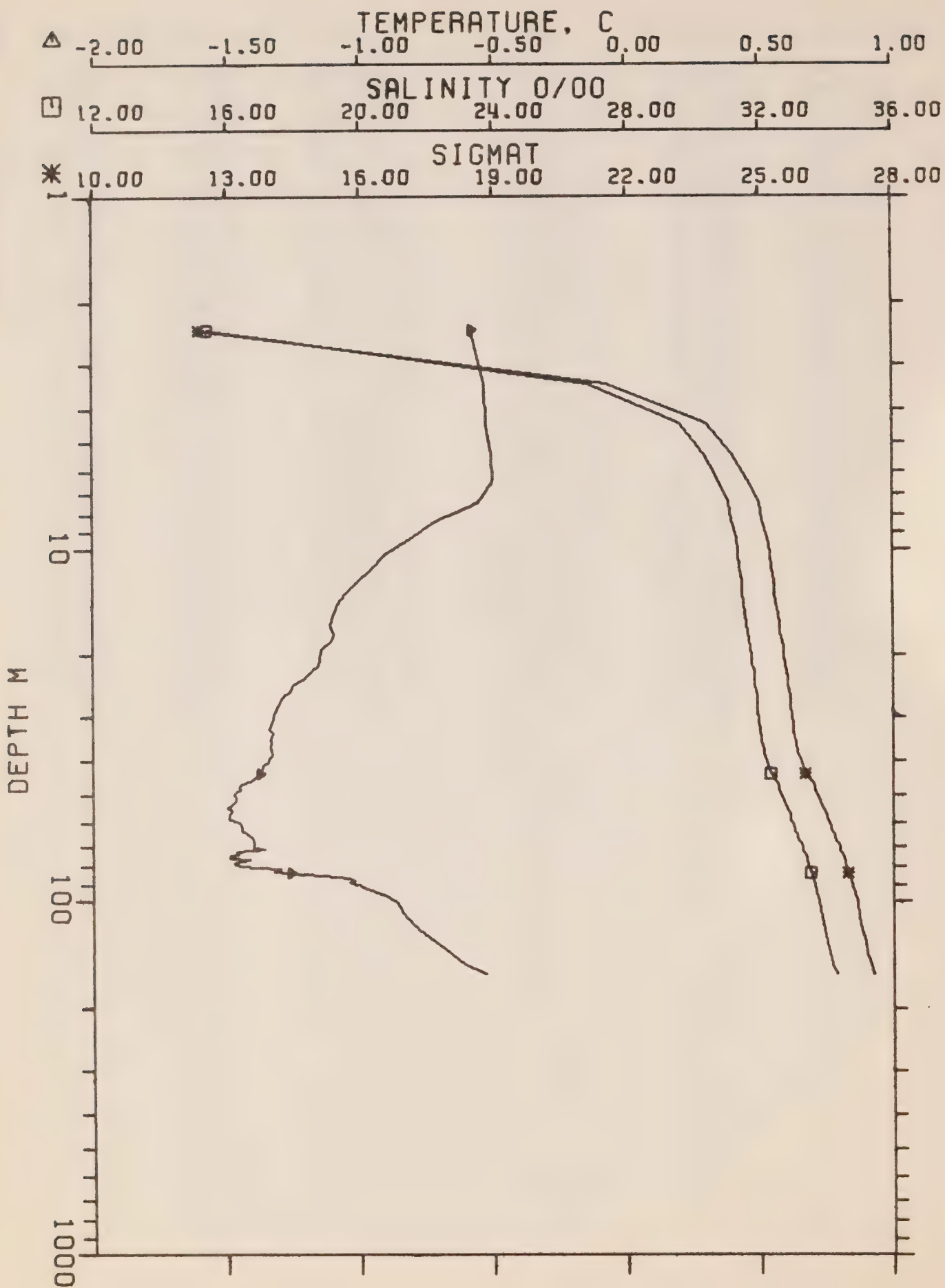
DATE 060473

LOCAL TIME 1000

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.2	4.20	29.763 E	-0.490 D	23.933	1439.8
5.2	5.20	30.488 E	-0.490 D	24.517	1440.8
6.2	6.20	30.896 E	-0.476 D	24.846	1441.5
7.2	7.20	31.091 E	-0.588 D	25.007	1441.2
8.2	8.20	31.220 E	-0.721 D	25.114	1440.8
9.2	9.20	31.311 E	-0.834 D	25.191	1440.4
10.2	10.20	31.376 E	-0.906 D	25.246	1440.2
11.2	11.20	31.426 E	-0.981 D	25.288	1439.9
12.2	12.20	31.448 E	-1.015 D	25.307	1439.8
13.2	13.20	31.521 E	-1.072 D	25.368	1439.7
14.2	14.20	31.545 E	-1.099 D	25.388	1439.6
15.2	15.20	31.571 E	-1.103 D	25.409	1439.6
16.2	16.20	31.594 E	-1.108 D	25.428	1439.7
17.2	17.20	31.633 E	-1.093 D	25.459	1439.8
18.2	18.20	31.667 E	-1.108 D	25.487	1439.8
19.2	19.20	31.709 E	-1.156 D	25.522	1439.6
20.2	20.20	31.744 E	-1.143 D	25.549	1439.8
21.2	21.20	31.767 E	-1.164 D	25.569	1439.7
22.2	22.20	31.801 E	-1.197 D	25.598	1439.6
23.2	23.20	31.833 E	-1.224 D	25.624	1439.6
24.2	24.20	31.843 E	-1.255 D	25.633	1439.4
25.2	25.20	31.888 E	-1.278 D	25.670	1439.4
26.2	26.20	31.893 E	-1.298 D	25.674	1439.3
27.2	27.20	31.899 E	-1.317 D	25.679	1439.3
28.2	28.20	31.915 E	-1.323 D	25.692	1439.3
29.2	29.20	31.929 E	-1.329 D	25.704	1439.3
30.2	30.20	31.949 E	-1.337 D	25.721	1439.3
31.2	31.20	31.956 E	-1.338 D	25.726	1439.3
32.2	32.20	31.993 E	-1.347 D	25.756	1439.4
33.2	33.20	31.993 E	-1.336 D	25.756	1439.4
34.2	34.20	32.020 E	-1.340 D	25.778	1439.5
35.2	35.20	32.059 E	-1.342 D	25.810	1439.5
36.2	36.20	32.065 E	-1.336 D	25.815	1439.6
37.2	37.20	32.100 E	-1.333 D	25.843	1439.7
38.2	38.20	32.130 E	-1.327 D	25.866	1439.7
39.2	39.20	32.147 E	-1.342 D	25.881	1439.7
40.2	40.20	32.207 E	-1.358 D	25.930	1439.7
41.2	41.20	32.239 E	-1.366 D	25.956	1439.8
42.2	42.20	32.291 E	-1.376 D	25.999	1439.8
43.2	43.20	32.322 E	-1.383 D	26.023	1439.8
44.2	44.20	32.411 E	-1.412 D	26.097	1439.8
45.2	45.20	32.462 E	-1.431 D	26.138	1439.8
46.2	46.20	32.487 E	-1.443 D	26.159	1439.8
47.2	47.20	32.531 E	-1.461 D	26.195	1439.8
48.2	48.20	32.588 E	-1.459 D	26.240	1439.9
49.2	49.20	32.588 E	-1.472 D	26.241	1439.9
50.2	50.20	32.637 E	-1.475 D	26.281	1439.9
51.2	51.20	32.660 E	-1.478 D	26.300	1440.0
52.2	52.20	32.705 E	-1.483 D	26.336	1440.0
53.2	53.20	32.766 E	-1.490 D	26.386	1440.1
54.2	54.20	32.800 E	-1.492 D	26.413	1440.2
55.2	55.20	32.819 E	-1.497 D	26.429	1440.2
56.2	56.20	32.865 E	-1.495 D	26.466	1440.3
57.2	57.20	32.873 E	-1.495 D	26.473	1440.3
58.2	58.20	32.914 E	-1.484 D	26.506	1440.4
59.2	59.20	32.922 E	-1.461 D	26.511	1440.6
60.2	60.20	32.956 E	-1.456 D	26.539	1440.6
61.2	61.20	32.979 E	-1.449 D	26.557	1440.7
62.2	62.20	33.002 E	-1.456 D	26.576	1440.7
63.2	63.20	33.030 E	-1.442 D	26.599	1440.9
64.2	64.20	33.040 E	-1.426 D	26.606	1441.0
65.2	65.20	33.091 E	-1.417 D	26.647	1441.1
66.2	66.20	33.112 E	-1.407 D	26.664	1441.2

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
67.2	67.20	33.155 E	-1.405 D	26.699	1441.3
68.2	68.20	33.177 E	-1.398 D	26.716	1441.4
69.2	69.20	33.214 E	-1.411 D	26.747	1441.4
70.2	70.20	33.227 E	-1.406 D	26.757	1441.4
71.2	71.20	33.252 E	-1.377 D	26.776	1441.6
72.2	72.20	33.300 E	-1.484 D	26.818	1441.2
73.2	73.20	33.313 E	-1.475 D	26.829	1441.3
74.2	74.20	33.337 E	-1.492 D	26.848	1441.2
75.2	75.20	33.358 E	-1.494 D	26.865	1441.3
76.2	76.20	33.378 E	-1.454 D	26.881	1441.5
77.2	77.20	33.388 E	-1.481 D	26.889	1441.4
78.2	78.20	33.412 E	-1.479 D	26.909	1441.5
79.2	79.20	33.433 E	-1.442 D	26.925	1441.7
80.2	80.20	33.439 E	-1.338 D	26.927	1442.2
81.2	81.20	33.460 E	-1.308 D	26.943	1442.4
82.2	82.20	33.497 E	-1.358 D	26.974	1442.2
83.2	83.20	33.515 E	-1.213 D	26.985	1443.0
84.2	84.20	33.511 E	-1.149 D	26.979	1443.3
85.2	85.20	33.536 E	-1.077 D	26.997	1443.7
86.2	86.20	33.546 E	-1.047 D	27.005	1443.8
87.2	87.20	33.565 E	-1.034 D	27.019	1443.9
88.2	88.20	33.587 E	-1.045 D	27.037	1443.9
89.2	89.20	33.593 E	-1.031 D	27.042	1444.0
90.2	90.20	33.610 E	-1.000 D	27.055	1444.2
91.2	91.20	33.623 E	-0.984 D	27.065	1444.3
92.2	92.20	33.628 E	-0.961 D	27.068	1444.4
93.2	93.20	33.647 E	-0.951 D	27.083	1444.5
94.2	94.20	33.639 E	-0.928 D	27.076	1444.6
95.2	95.20	33.679 E	-0.924 D	27.108	1444.7
96.2	96.20	33.691 E	-0.913 D	27.117	1444.8
97.2	97.20	33.696 E	-0.899 D	27.121	1444.9
98.2	98.20	33.716 E	-0.888 D	27.136	1445.0
99.2	99.20	33.749 E	-0.888 D	27.163	1445.1
109.2	109.20	33.812 D	-0.830 C	27.212	1445.6
119.2	119.20	33.889 D	-0.768 C	27.272	1446.2
129.2	129.20	33.980 D	-0.728 C	27.344	1446.6
139.2	139.20	34.070 D	-0.663 C	27.414	1447.2
149.2	149.20	34.174 D	-0.619 C	27.496	1447.7
159.2	159.20	34.250 D	-0.537 C	27.554	1448.4

EXPERIMENT 2719



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 2719

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

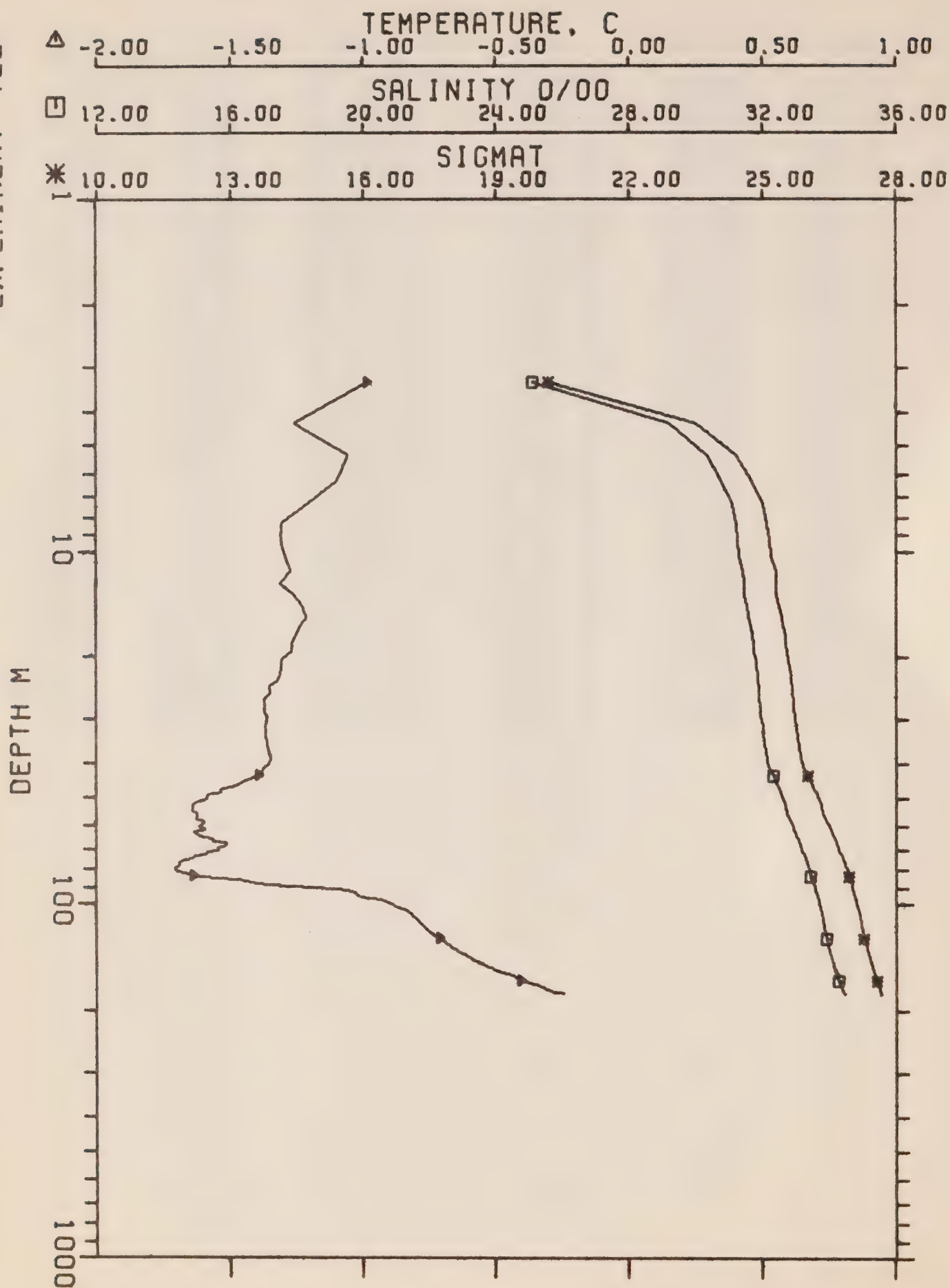
DATE 060473

LOCAL TIME 1030

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
2.4	2.40	15.443 E	-0.577 D	12.412	1419.9
3.4	3.40	26.822 E	-0.522 D	21.563	1435.6
4.4	4.40	29.611 E	-0.521 D	23.811	1439.5
5.4	5.40	30.316 E	-0.498 D	24.379	1440.6
6.4	6.40	30.750 E	-0.494 D	24.729	1441.2
7.4	7.40	31.080 E	-0.555 D	24.996	1441.4
8.4	8.40	31.156 E	-0.713 D	25.063	1440.8
9.4	9.40	31.313 E	-0.809 D	25.192	1440.6
10.4	10.40	31.377 E	-0.903 D	25.247	1440.2
11.4	11.40	31.408 E	-0.955 D	25.274	1440.0
12.4	12.40	31.471 E	-1.011 D	25.325	1439.9
13.4	13.40	31.490 E	-1.057 D	25.342	1439.7
14.4	14.40	31.518 E	-1.087 D	25.365	1439.6
15.4	15.40	31.568 E	-1.098 D	25.406	1439.7
16.4	16.40	31.607 E	-1.112 D	25.438	1439.7
17.4	17.40	31.637 E	-1.094 D	25.462	1439.8
18.4	18.40	31.682 E	-1.110 D	25.499	1439.8
19.4	19.40	31.718 E	-1.146 D	25.529	1439.7
20.4	20.40	31.749 E	-1.149 D	25.554	1439.8
21.4	21.40	31.774 E	-1.154 D	25.575	1439.8
22.4	22.40	31.821 E	-1.185 D	25.613	1439.7
23.4	23.40	31.829 E	-1.208 D	25.620	1439.6
24.4	24.40	31.855 E	-1.249 D	25.642	1439.5
25.4	25.40	31.881 E	-1.265 D	25.664	1439.5
26.4	26.40	31.906 E	-1.288 D	25.684	1439.4
28.4	28.40	31.924 E	-1.317 D	25.700	1439.3
29.4	29.40	31.938 E	-1.324 D	25.711	1439.3
30.4	30.40	31.956 E	-1.325 D	25.726	1439.4
31.4	31.40	31.970 E	-1.333 D	25.738	1439.4
32.4	32.40	31.995 E	-1.340 D	25.757	1439.4
33.4	33.40	32.001 E	-1.325 D	25.763	1439.5
34.4	34.40	32.034 E	-1.335 D	25.789	1439.5
35.4	35.40	32.059 E	-1.328 D	25.809	1439.6
36.4	36.40	32.076 E	-1.336 D	25.823	1439.6
37.4	37.40	32.105 E	-1.331 D	25.847	1439.7
38.4	38.40	32.115 E	-1.323 D	25.855	1439.7
39.4	39.40	32.157 E	-1.340 D	25.889	1439.7
40.4	40.40	32.203 E	-1.343 D	25.926	1439.8
41.4	41.40	32.251 E	-1.365 D	25.966	1439.8
42.4	42.40	32.297 E	-1.370 D	26.003	1439.8
43.4	43.40	32.329 E	-1.376 D	26.029	1439.9
44.4	44.40	32.398 E	-1.392 D	26.085	1439.9
45.4	45.40	32.454 E	-1.407 D	26.131	1439.9
46.4	46.40	32.520 E	-1.433 D	26.185	1439.9
47.4	47.40	32.564 E	-1.453 D	26.221	1439.9
48.4	48.40	32.565 E	-1.443 D	26.221	1440.0
49.4	49.40	32.620 E	-1.474 D	26.267	1439.9
50.4	50.40	32.637 E	-1.465 D	26.280	1440.0
51.4	51.40	32.680 E	-1.467 D	26.315	1440.1
52.4	52.40	32.707 E	-1.471 D	26.337	1440.1
53.4	53.40	32.754 E	-1.485 D	26.376	1440.1
54.4	54.40	32.801 E	-1.498 D	26.415	1440.1
55.4	55.40	32.842 E	-1.482 D	26.447	1440.3
56.4	56.40	32.879 E	-1.492 D	26.477	1440.3
57.4	57.40	32.902 E	-1.489 D	26.496	1440.4
58.4	58.40	32.922 E	-1.494 D	26.512	1440.4
59.4	59.40	32.927 E	-1.466 D	26.516	1440.6
60.4	60.40	32.982 E	-1.445 D	26.560	1440.7
61.4	61.40	33.004 E	-1.439 D	26.577	1440.8
62.4	62.40	33.025 E	-1.440 D	26.594	1440.9
63.4	63.40	33.049 E	-1.436 D	26.614	1440.9
64.4	64.40	33.085 E	-1.425 D	26.642	1441.0
65.4	65.40	33.119 E	-1.411 D	26.669	1441.2

DEPTH	PRESS 1	SAL	TEMP	SIGMAT	SOUND
66.4	66.40	33.125 E	-1.398 D	26.674	1441.3
67.4	67.40	33.165 E	-1.400 D	26.707	1441.3
68.4	68.40	33.196 E	-1.396 D	26.732	1441.4
69.4	69.40	33.241 E	-1.399 D	26.768	1441.5
70.4	70.40	33.276 E	-1.401 D	26.796	1441.5
71.4	71.40	33.279 E	-1.356 D	26.798	1441.8
72.4	72.40	33.293 E	-1.464 D	26.812	1441.3
73.4	73.40	33.340 E	-1.453 D	26.850	1441.4
74.4	74.40	33.367 E	-1.488 D	26.873	1441.3
75.4	75.40	33.393 E	-1.489 D	26.893	1441.4
76.4	76.40	33.399 E	-1.408 D	26.896	1441.8
77.4	77.40	33.418 E	-1.469 D	26.914	1441.5
78.4	78.40	33.436 E	-1.474 D	26.928	1441.5
79.4	79.40	33.437 E	-1.447 D	26.929	1441.7
80.4	80.40	33.457 E	-1.378 D	26.943	1442.1
81.4	81.40	33.466 E	-1.294 D	26.948	1442.5
82.4	82.40	33.502 E	-1.326 D	26.978	1442.4
83.4	83.40	33.517 E	-1.261 D	26.988	1442.7
84.4	84.40	33.541 E	-1.145 D	27.004	1443.3
85.4	85.40	33.549 E	-1.084 D	27.008	1443.6
86.4	86.40	33.579 E	-1.041 D	27.031	1443.9
87.4	87.40	33.585 E	-1.015 D	27.035	1444.1
88.4	88.40	33.591 E	-1.040 D	27.041	1444.0
89.4	89.40	33.632 E	-1.029 D	27.073	1444.1
90.4	90.40	33.628 E	-0.992 D	27.069	1444.3
91.4	91.40	33.646 E	-0.987 D	27.084	1444.3
92.4	92.40	33.663 E	-0.970 D	27.096	1444.5
94.4	94.40	33.693 E	-0.932 D	27.119	1444.7
95.4	95.40	33.695 E	-0.914 D	27.121	1444.8
96.4	96.40	33.707 E	-0.902 D	27.130	1444.9
97.4	97.40	33.732 E	-0.894 D	27.150	1445.0
98.4	98.40	33.737 E	-0.887 D	27.153	1445.0
99.4	99.40	33.773 E	-0.869 D	27.182	1445.2
100.4	100.40	33.780 E	-0.860 D	27.187	1445.3
110.4	110.40	33.825 D	-0.825 C	27.223	1445.7
120.4	120.40	33.905 D	-0.773 C	27.285	1446.2
130.4	130.40	33.995 D	-0.717 C	27.356	1446.7
140.4	140.40	34.070 D	-0.657 C	27.414	1447.3
150.4	150.40	34.151 D	-0.603 C	27.478	1447.8
160.4	160.40	34.261 D	-0.525 C	27.563	1448.5

EXPERIMENT 722



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 722

LAT. N80 35.0

LONG. W78 18.0

WATER DEPTH 184

DEPTH INCR. 1.00

DATE 060473

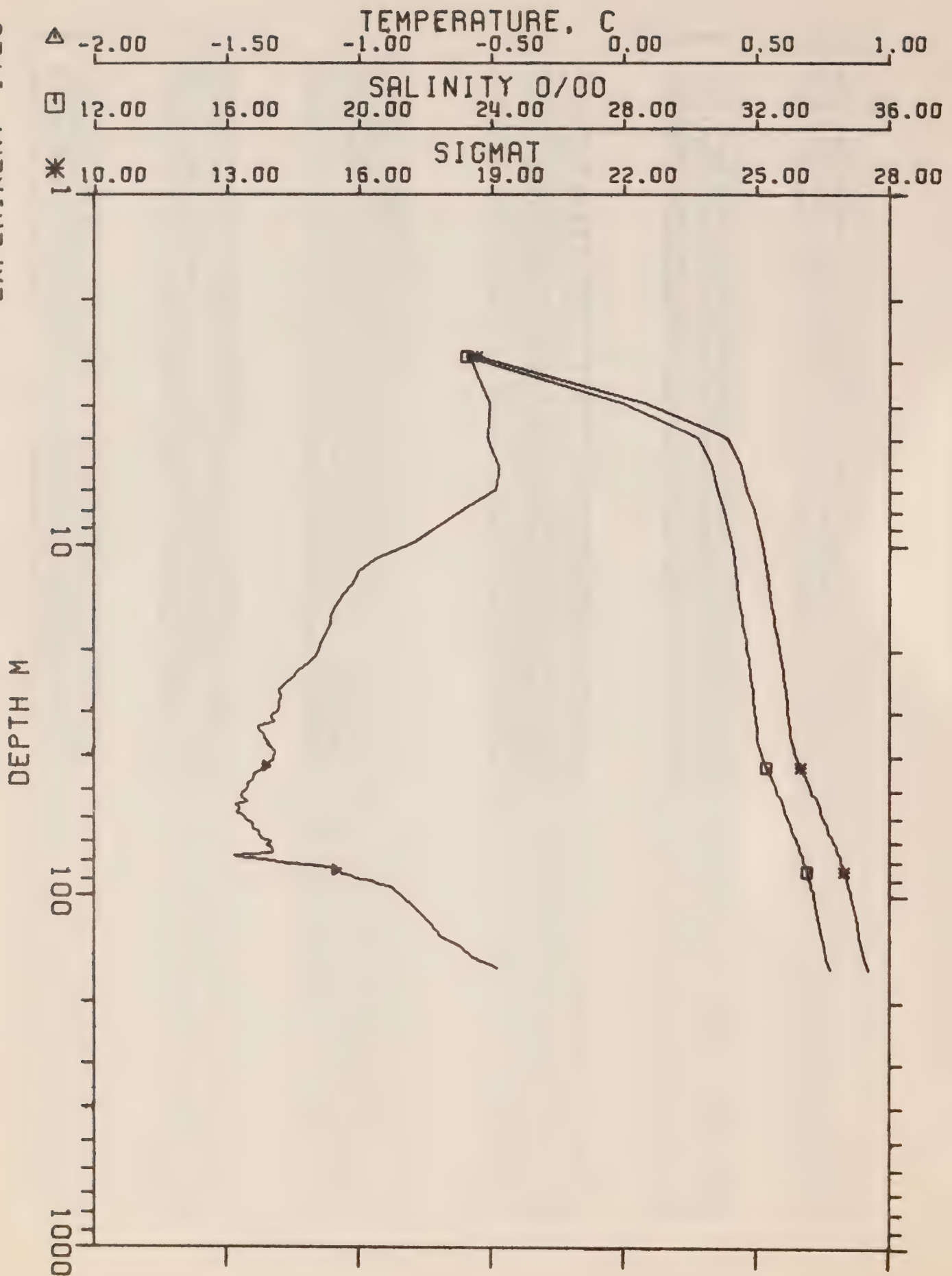
LOCAL TIME 1500

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.3	3.27	25.123 E	-0.986 D	20.199	1431.0
4.3	4.31	29.193 E	-1.260 D	23.490	1435.4
5.3	5.34	30.320 E	-1.055 D	24.397	1438.0
6.3	6.36	30.763 E	-1.098 D	24.755	1438.4
7.3	7.34	31.063 E	-1.212 D	25.001	1438.3
8.3	8.39	31.188 E	-1.310 D	25.104	1438.0
9.3	9.34	31.258 E	-1.308 D	25.161	1438.1
10.3	10.45	31.286 E	-1.292 D	25.183	1438.3
11.3	11.41	31.419 E	-1.272 D	25.290	1438.6
12.3	12.40	31.428 E	-1.313 D	25.298	1438.4
13.3	13.50	31.447 E	-1.255 D	25.312	1438.7
14.3	14.44	31.505 E	-1.223 D	25.358	1439.0
15.3	15.49	31.567 E	-1.210 D	25.409	1439.1
16.3	16.54	31.636 E	-1.237 D	25.465	1439.1
17.3	17.56	31.674 E	-1.256 D	25.496	1439.1
18.3	18.54	31.707 E	-1.269 D	25.523	1439.1
19.3	19.57	31.735 E	-1.269 D	25.545	1439.2
20.3	20.61	31.781 E	-1.309 D	25.584	1439.0
21.3	21.62	31.790 E	-1.308 D	25.591	1439.1
22.3	22.69	31.836 E	-1.314 D	25.628	1439.1
23.3	23.71	31.847 E	-1.327 D	25.638	1439.1
24.3	24.73	31.880 E	-1.355 D	25.665	1439.0
25.3	25.74	31.876 E	-1.352 D	25.661	1439.1
26.3	26.74	31.892 E	-1.375 D	25.675	1439.0
27.3	27.79	31.908 E	-1.371 D	25.688	1439.0
28.3	28.79	31.919 E	-1.375 D	25.697	1439.1
29.3	29.81	31.938 E	-1.359 D	25.712	1439.2
30.3	30.82	31.957 E	-1.366 D	25.728	1439.2
31.3	31.86	31.989 E	-1.368 D	25.754	1439.2
32.3	32.88	31.995 E	-1.367 D	25.758	1439.3
33.3	33.91	32.015 E	-1.369 D	25.775	1439.3
34.3	34.93	32.030 E	-1.359 D	25.786	1439.4
35.3	35.94	32.045 E	-1.358 D	25.799	1439.4
36.3	36.96	32.065 E	-1.353 D	25.815	1439.5
37.3	37.97	32.088 E	-1.350 D	25.833	1439.6
38.3	39.01	32.101 E	-1.347 D	25.844	1439.6
39.3	40.03	32.130 E	-1.350 D	25.867	1439.7
40.3	41.03	32.178 E	-1.359 D	25.906	1439.7
41.3	42.05	32.218 E	-1.382 D	25.939	1439.7
42.3	43.03	32.268 E	-1.385 D	25.980	1439.7
43.3	44.05	32.307 E	-1.394 D	26.012	1439.8
44.3	45.10	32.360 E	-1.429 D	26.055	1439.7
45.3	46.16	32.409 E	-1.460 D	26.096	1439.6
46.3	47.19	32.444 E	-1.480 D	26.124	1439.6
47.3	48.19	32.506 E	-1.541 D	26.176	1439.4
48.3	49.18	32.525 E	-1.537 D	26.191	1439.5
49.3	50.21	32.570 E	-1.590 D	26.229	1439.3
50.3	51.21	32.603 E	-1.588 D	26.256	1439.4
51.3	52.22	32.639 E	-1.618 D	26.286	1439.3
52.3	53.23	32.688 E	-1.647 D	26.326	1439.3
53.3	54.23	32.686 E	-1.639 D	26.324	1439.3
54.3	55.27	32.706 E	-1.643 D	26.340	1439.3
55.3	56.29	32.734 E	-1.624 D	26.363	1439.5
56.3	57.31	32.770 E	-1.625 D	26.392	1439.5
57.3	58.33	32.810 E	-1.631 D	26.425	1439.6
58.3	59.35	32.844 E	-1.593 D	26.451	1439.8
59.3	60.37	32.891 E	-1.604 D	26.489	1439.9
60.3	61.40	32.913 E	-1.618 D	26.507	1439.8
61.3	62.40	32.937 E	-1.590 D	26.526	1440.0
62.3	63.40	32.963 E	-1.640 D	26.549	1439.8
63.3	64.45	32.987 E	-1.629 D	26.568	1439.9
64.3	65.45	33.010 E	-1.613 D	26.586	1440.1
65.3	66.50	33.063 E	-1.565 D	26.628	1440.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
66.3	67.50	33.075 E	-1.563 D	26.638	1440.4
67.3	68.55	33.100 E	-1.510 D	26.657	1440.7
68.3	69.55	33.121 E	-1.515 D	26.674	1440.8
69.3	70.60	33.167 E	-1.552 D	26.712	1440.7
70.3	71.60	33.168 E	-1.539 D	26.713	1440.7
71.3	72.65	33.203 E	-1.590 D	26.742	1440.6
72.3	73.70	33.245 E	-1.596 D	26.776	1440.6
73.3	74.70	33.266 E	-1.635 D	26.794	1440.5
74.3	75.75	33.287 E	-1.647 D	26.812	1440.5
75.3	76.75	33.325 E	-1.670 D	26.843	1440.4
76.3	77.75	33.339 E	-1.696 D	26.855	1440.3
77.3	78.75	33.357 E	-1.690 D	26.870	1440.4
78.3	79.75	33.373 E	-1.694 D	26.882	1440.4
79.3	80.80	33.409 E	-1.710 D	26.912	1440.4
80.3	81.85	33.410 E	-1.707 D	26.913	1440.5
81.3	82.90	33.440 E	-1.695 D	26.937	1440.6
82.3	83.90	33.436 E	-1.648 D	26.933	1440.8
83.3	84.85	33.449 E	-1.640 D	26.943	1440.9
84.3	85.85	33.460 E	-1.551 D	26.949	1441.3
85.3	86.90	33.500 E	-1.470 D	26.980	1441.8
86.3	88.00	33.513 E	-1.437 D	26.990	1442.0
87.3	89.05	33.524 E	-1.398 D	26.998	1442.2
88.3	89.95	33.544 E	-1.350 D	27.012	1442.5
90.3	92.00	33.546 E	-1.098 D	27.006	1443.7
91.3	93.05	33.571 E	-1.055 D	27.025	1443.9
92.3	94.10	33.598 E	-1.039 D	27.046	1444.1
93.3	95.15	33.594 E	-1.021 D	27.042	1444.2
94.3	96.05	33.624 E	-1.015 D	27.067	1444.3
95.3	97.10	33.633 E	-1.003 D	27.074	1444.3
96.3	98.20	33.666 E	-0.971 D	27.099	1444.6
97.3	99.20	33.665 E	-0.930 D	27.097	1444.8
98.3	100.15	33.679 E	-0.915 D	27.108	1444.9
99.3	101.25	33.689 E	-0.890 D	27.115	1445.0
100.3	102.30	33.705 E	-0.877 D	27.128	1445.1
101.3	103.25	33.722 E	-0.875 D	27.141	1445.2
102.3	104.30	33.728 E	-0.858 D	27.145	1445.3
103.3	105.30	33.738 E	-0.844 D	27.153	1445.4
104.3	106.35	33.748 E	-0.831 D	27.161	1445.4
105.3	107.40	33.758 D	-0.822 C	27.168	1445.5
106.3	108.35	33.770 D	-0.818 C	27.178	1445.6
107.3	109.40	33.780 D	-0.809 C	27.185	1445.6
108.3	110.40	33.788 D	-0.804 C	27.192	1445.7
109.3	111.40	33.795 D	-0.796 C	27.197	1445.8
110.3	112.45	33.805 D	-0.790 C	27.205	1445.8
111.3	113.50	33.813 D	-0.784 C	27.211	1445.9
112.3	114.50	33.819 D	-0.779 C	27.216	1445.9
113.3	115.55	33.827 D	-0.774 C	27.222	1446.0
114.3	116.60	33.834 D	-0.769 C	27.227	1446.0
115.3	117.55	33.841 D	-0.763 C	27.233	1446.1
116.3	118.55	33.847 D	-0.760 C	27.238	1446.1
117.3	119.55	33.854 D	-0.754 C	27.243	1446.2
118.3	120.65	33.862 D	-0.749 C	27.250	1446.2
119.3	121.65	33.870 D	-0.743 C	27.256	1446.3
120.3	122.65	33.880 D	-0.738 C	27.264	1446.3
121.3	123.70	33.887 D	-0.732 C	27.269	1446.4
122.3	124.70	33.892 D	-0.727 C	27.273	1446.4
123.3	125.75	33.902 D	-0.719 C	27.281	1446.5
124.3	126.70	33.911 D	-0.710 C	27.288	1446.6
125.3	127.75	33.922 D	-0.704 C	27.296	1446.6
126.3	128.85	33.929 D	-0.698 C	27.301	1446.7
127.3	129.80	33.936 D	-0.693 C	27.307	1446.7
128.3	130.80	33.943 D	-0.685 C	27.313	1446.8
129.3	131.85	33.954 D	-0.678 C	27.322	1446.9
130.3	132.85	33.962 D	-0.673 C	27.327	1446.9
131.3	133.85	33.969 D	-0.667 C	27.333	1447.0
132.3	134.90	33.974 D	-0.663 C	27.337	1447.0
133.3	135.95	33.980 D	-0.657 C	27.341	1447.1
134.3	136.90	33.987 D	-0.653 C	27.347	1447.1
135.3	138.00	33.996 D	-0.646 C	27.354	1447.2
136.3	138.95	34.002 D	-0.638 C	27.359	1447.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
137.3	139.95	34.013 D	-0.630 C	27.367	1447.3
138.3	140.75	34.028 D	-0.615 C	27.379	1447.4
139.3	141.90	34.043 D	-0.605 C	27.390	1447.5
140.3	142.90	34.051 D	-0.599 C	27.396	1447.5
141.3	143.85	34.056 D	-0.597 C	27.400	1447.6
142.3	144.95	34.063 D	-0.590 C	27.406	1447.6
143.3	146.00	34.068 D	-0.583 C	27.409	1447.7
144.3	146.85	34.083 D	-0.571 C	27.421	1447.8
145.3	148.00	34.090 D	-0.564 C	27.427	1447.8
146.3	148.85	34.100 D	-0.558 C	27.435	1447.9
147.3	150.05	34.107 D	-0.551 C	27.439	1448.0
148.3	151.05	34.117 D	-0.540 C	27.447	1448.0
149.3	152.00	34.129 D	-0.534 C	27.457	1448.1
150.3	153.05	34.141 D	-0.521 C	27.466	1448.2
151.3	153.90	34.152 D	-0.514 C	27.475	1448.3
152.3	154.95	34.162 D	-0.505 C	27.482	1448.3
153.3	156.00	34.174 D	-0.500 C	27.491	1448.4
154.3	157.10	34.177 D	-0.492 C	27.494	1448.5
155.3	158.10	34.191 D	-0.480 C	27.505	1448.5
156.3	159.00	34.199 D	-0.473 C	27.510	1448.6
157.3	160.20	34.213 D	-0.450 C	27.521	1448.8
158.3	161.20	34.231 D	-0.442 C	27.535	1448.8
159.3	162.15	34.237 D	-0.437 C	27.540	1448.9
160.3	163.20	34.252 D	-0.425 C	27.552	1449.0
161.3	164.35	34.260 D	-0.418 C	27.558	1449.0
162.3	165.25	34.265 D	-0.416 C	27.562	1449.1
163.3	166.25	34.272 D	-0.410 C	27.567	1449.1
164.3	167.35	34.277 D	-0.407 C	27.570	1449.2
165.3	168.40	34.279 D	-0.402 C	27.572	1449.2
166.3	169.30	34.296 D	-0.382 C	27.585	1449.3
167.3	170.20	34.311 D	-0.366 C	27.596	1449.4
168.3	171.25	34.321 D	-0.361 C	27.605	1449.5
169.3	172.50	34.327 D	-0.349 C	27.609	1449.6
170.3	173.55	34.341 D	-0.332 C	27.619	1449.7
171.3	174.30	34.357 D	-0.323 C	27.632	1449.8
172.3	175.40	34.364 D	-0.316 C	27.637	1449.8
173.3	176.50	34.369 D	-0.311 C	27.640	1449.9
174.3	177.50	34.376 D	-0.307 C	27.646	1449.9
175.3	178.35	34.384 D	-0.297 C	27.652	1450.0
176.3	179.40	34.388 D	-0.292 C	27.656	1450.0
177.3	180.60	34.395 D	-0.279 C	27.660	1450.1
178.3	181.65	34.410 D	-0.254 C	27.671	1450.3
179.3	182.65	34.425 D	-0.241 C	27.682	1450.4

EXPERIMENT 1720



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 1720

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 070473

LOCAL TIME 1000

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
2.9	2.90	23.242 E	-0.578 D	18.681	1430.4
3.9	3.90	27.935 E	-0.507 D	22.460	1437.2
4.9	4.90	30.218 E	-0.515 D	24.300	1440.3
5.9	5.90	30.647 E	-0.468 D	24.645	1441.2
6.9	6.90	30.803 E	-0.486 D	24.771	1441.3
7.9	7.90	31.016 E	-0.607 D	24.947	1441.1
8.9	8.90	31.133 E	-0.709 D	25.044	1440.8
9.9	9.90	31.230 E	-0.802 D	25.125	1440.5
10.9	10.90	31.301 E	-0.939 D	25.186	1440.0
11.9	11.90	31.354 E	-1.003 D	25.231	1439.7
12.9	12.90	31.392 E	-1.026 D	25.262	1439.7
13.9	13.90	31.436 E	-1.065 D	25.299	1439.6
14.9	14.90	31.482 E	-1.089 D	25.336	1439.6
15.9	15.90	31.545 E	-1.111 D	25.388	1439.6
16.9	16.90	31.556 E	-1.108 D	25.397	1439.6
17.9	17.90	31.623 E	-1.128 D	25.452	1439.6
18.9	18.90	31.661 E	-1.144 D	25.482	1439.6
19.9	19.90	31.691 E	-1.155 D	25.508	1439.6
20.9	20.90	31.740 E	-1.170 D	25.547	1439.6
21.9	21.90	31.765 E	-1.196 D	25.568	1439.6
22.9	22.90	31.805 E	-1.237 D	25.602	1439.5
23.9	23.90	31.820 E	-1.254 D	25.614	1439.4
24.9	24.90	31.844 E	-1.280 D	25.634	1439.3
25.9	25.90	31.867 E	-1.304 D	25.654	1439.3
26.9	26.90	31.887 E	-1.294 D	25.669	1439.4
27.9	27.90	31.895 E	-1.305 D	25.676	1439.3
28.9	28.90	31.907 E	-1.305 D	25.686	1439.4
29.9	29.90	31.911 E	-1.316 D	25.689	1439.3
30.9	30.90	31.954 E	-1.333 D	25.725	1439.3
31.9	31.90	31.960 E	-1.322 D	25.729	1439.4
32.9	32.90	31.983 E	-1.384 D	25.749	1439.2
33.9	33.90	31.992 E	-1.377 D	25.756	1439.2
34.9	34.90	31.994 E	-1.362 D	25.757	1439.3
35.9	35.90	32.019 E	-1.350 D	25.777	1439.4
36.9	36.90	32.045 E	-1.345 D	25.798	1439.5
37.9	37.90	32.080 E	-1.331 D	25.826	1439.6
38.9	38.90	32.108 E	-1.314 D	25.848	1439.8
39.9	39.90	32.161 E	-1.325 D	25.892	1439.8
40.9	40.90	32.201 E	-1.326 D	25.925	1439.9
41.9	41.90	32.250 E	-1.344 D	25.965	1439.9
42.9	42.90	32.291 E	-1.356 D	25.998	1439.9
43.9	43.90	32.329 E	-1.372 D	26.029	1439.9
44.9	44.90	32.397 E	-1.398 D	26.084	1439.9
45.9	45.90	32.427 E	-1.400 D	26.109	1439.9
46.9	46.90	32.471 E	-1.404 D	26.145	1440.0
47.9	47.90	32.518 E	-1.423 D	26.183	1440.0
48.9	48.90	32.557 E	-1.422 D	26.214	1440.1
49.9	49.90	32.585 E	-1.431 D	26.237	1440.1
50.9	50.90	32.590 E	-1.447 D	26.242	1440.0
51.9	51.90	32.688 E	-1.451 D	26.322	1440.2
52.9	52.90	32.752 E	-1.436 D	26.373	1440.3
53.9	53.90	32.777 E	-1.420 D	26.392	1440.5
54.9	54.90	32.800 E	-1.472 D	26.413	1440.3
55.9	55.90	32.819 E	-1.456 D	26.428	1440.4
56.9	56.90	32.829 E	-1.457 D	26.436	1440.4
57.9	57.90	32.844 E	-1.466 D	26.448	1440.4
58.9	58.90	32.877 E	-1.439 D	26.474	1440.6
59.9	59.90	32.914 E	-1.430 D	26.504	1440.7
60.9	60.90	32.964 E	-1.425 D	26.545	1440.8
61.9	61.90	33.016 E	-1.402 D	26.586	1441.0
63.9	63.90	33.035 E	-1.401 D	26.601	1441.1
64.9	64.90	33.045 E	-1.397 D	26.609	1441.1
65.9	65.90	33.069 E	-1.377 D	26.628	1441.3

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
66.9	66.90	33.119 E	-1.378 D	26.669	1441.4
67.9	67.90	33.163 E	-1.372 D	26.704	1441.5
68.9	68.90	33.181 E	-1.367 D	26.719	1441.5
69.9	69.90	33.219 E	-1.331 D	26.748	1441.8
70.9	70.90	33.254 E	-1.337 D	26.777	1441.8
71.9	71.90	33.273 E	-1.352 D	26.793	1441.8
72.9	72.90	33.278 E	-1.329 D	26.796	1441.9
74.9	74.90	33.323 E	-1.322 D	26.833	1442.0
75.9	75.90	33.356 E	-1.336 D	26.859	1442.0
76.9	76.90	33.409 E	-1.474 D	26.906	1441.5
77.9	77.90	33.401 E	-1.459 D	26.899	1441.6
78.9	78.90	33.412 E	-1.364 D	26.905	1442.0
79.9	79.90	33.410 E	-1.327 D	26.903	1442.2
80.9	80.90	33.472 F	-1.270 D	26.952	1442.6
81.9	81.90	33.464 E	-1.189 D	26.943	1443.0
82.9	82.90	33.481 E	-1.113 D	26.954	1443.4
83.9	83.90	33.505 E	-1.063 D	26.972	1443.7
84.9	84.90	33.524 E	-1.090 D	26.988	1443.6
85.9	85.90	33.528 E	-1.072 D	26.991	1443.7
86.9	86.90	33.541 E	-1.062 D	27.001	1443.8
87.9	87.90	33.574 E	-1.031 D	27.027	1444.0
88.9	88.90	33.573 E	-1.013 D	27.026	1444.1
89.9	89.90	33.596 E	-0.981 D	27.043	1444.3
90.9	90.90	33.605 E	-0.955 D	27.049	1444.4
91.9	91.90	33.632 E	-0.929 D	27.070	1444.6
92.9	92.90	33.649 E	-0.913 D	27.083	1444.7
93.9	93.90	33.648 E	-0.892 D	27.082	1444.8
94.9	94.90	33.659 E	-0.877 D	27.090	1444.9
95.9	95.90	33.662 E	-0.868 D	27.092	1445.0
96.9	96.90	33.703 E	-0.858 D	27.125	1445.1
98.9	98.90	33.708 E	-0.844 D	27.129	1445.2
99.9	99.90	33.719 E	-0.841 D	27.137	1445.3
109.9	109.90	33.810 D	-0.779 C	27.209	1445.8
119.9	119.90	33.890 D	-0.732 C	27.271	1446.3
129.9	129.90	33.942 D	-0.689 C	27.312	1446.8
139.9	139.90	34.031 D	-0.614 C	27.381	1447.4
149.9	149.90	34.098 D	-0.569 C	27.433	1447.9
159.9	159.90	34.198 D	-0.477 C	27.510	1448.6

EXPERIMENT 2720

TEMPERATURE, C

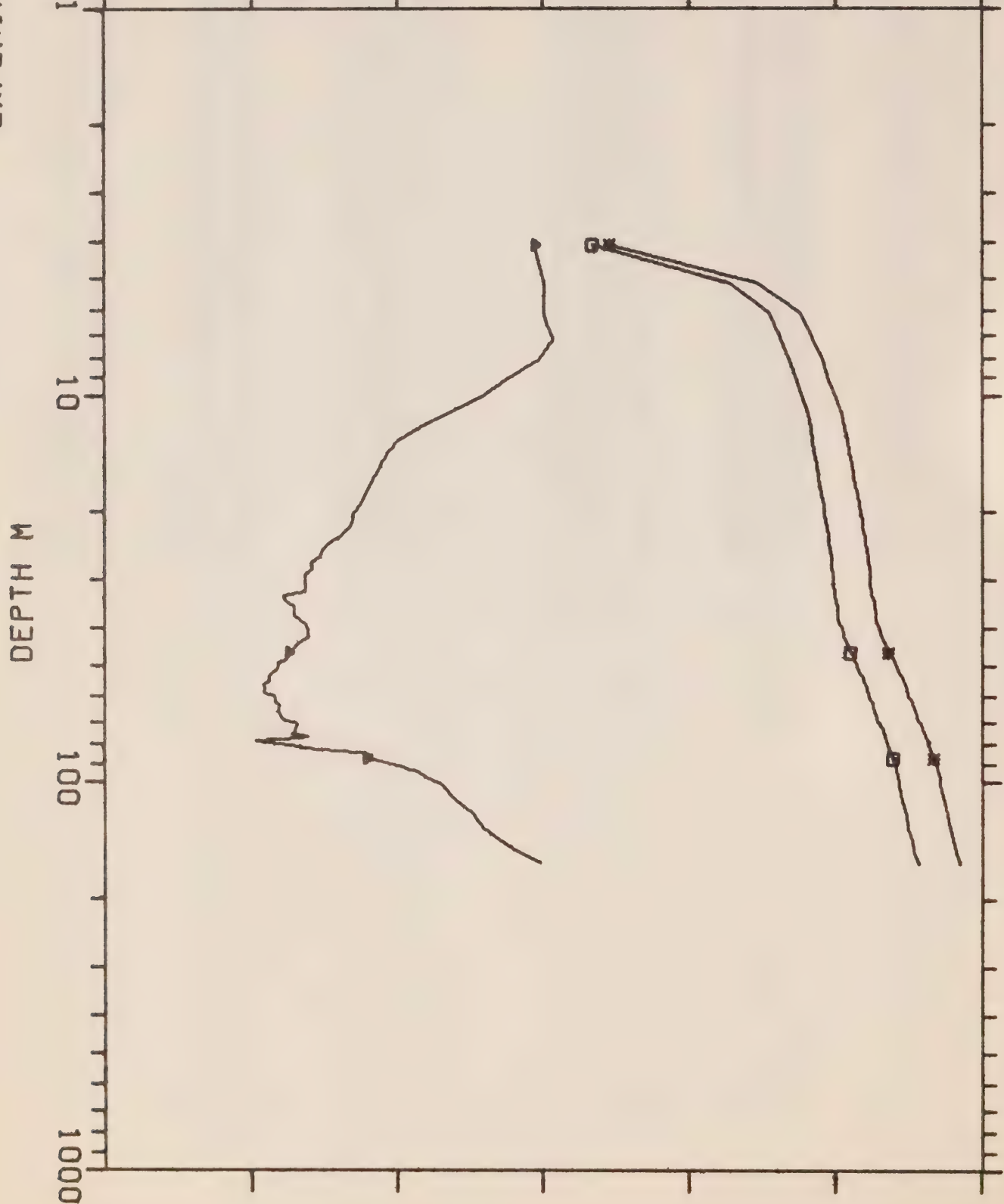
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SALINITY ‰

□ 12.00 16.00 20.00 24.00 28.00 32.00 36.00

SIGMAT

* 10.00 13.00 16.00 19.00 22.00 25.00 28.00



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 2720

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

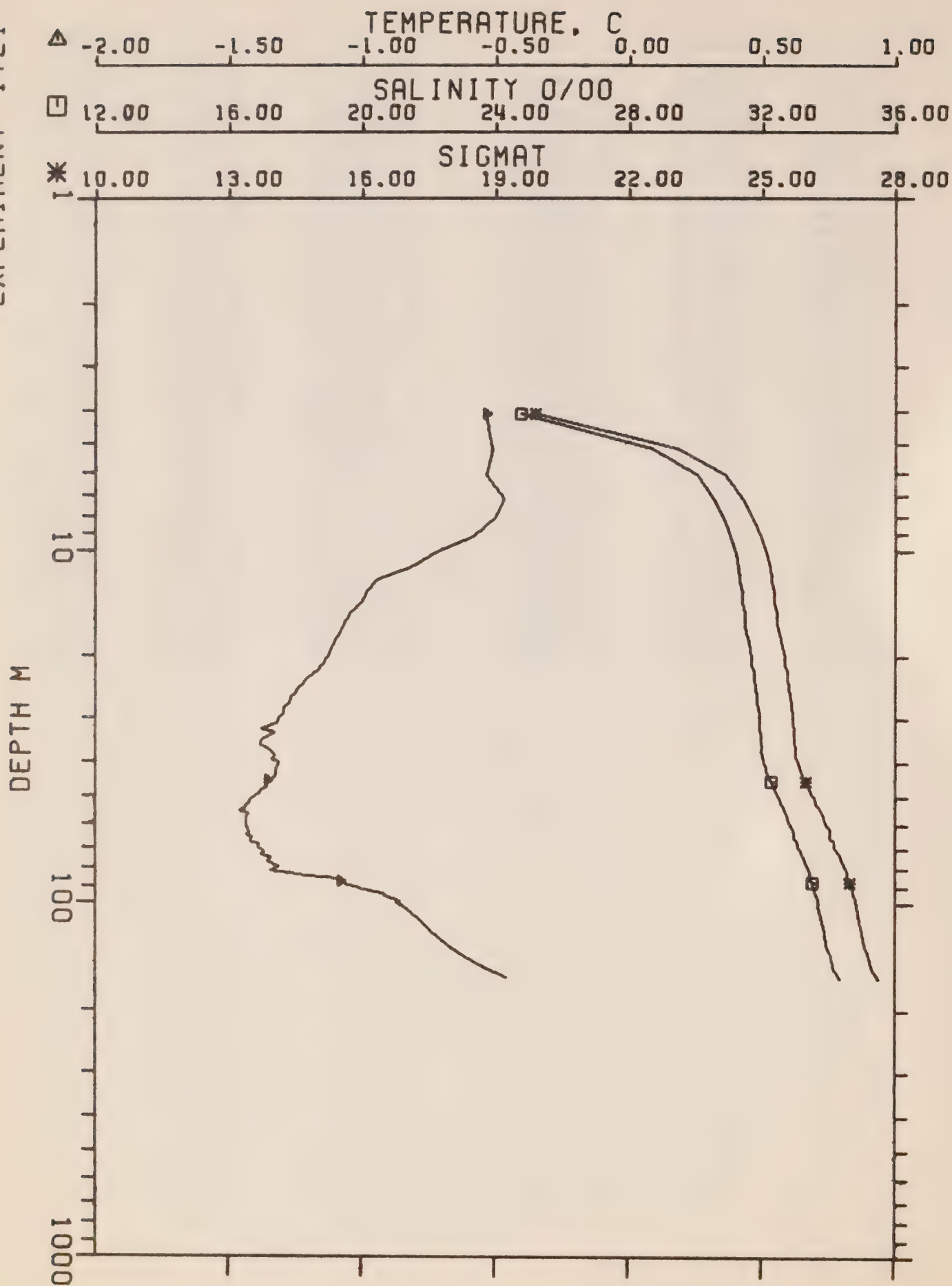
DATE 070473

LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.1	4.14	25.355 E	-0.526 D	20.381	1433.6
5.1	5.00	29.080 E	-0.488 D	23.382	1438.9
6.1	6.06	30.159 E	-0.495 D	24.252	1440.4
7.1	7.20	30.489 E	-0.460 D	24.517	1441.0
8.1	8.01	30.734 E	-0.517 D	24.716	1441.1
9.1	9.18	30.902 E	-0.631 D	24.855	1440.8
10.1	10.22	31.089 E	-0.717 D	25.009	1440.7
11.1	11.00	31.223 E	-0.824 D	25.120	1440.4
12.1	12.13	31.304 E	-0.925 D	25.188	1440.0
13.1	13.22	31.367 E	-0.999 D	25.242	1439.8
14.1	13.92	31.412 E	-1.035 D	25.279	1439.7
15.1	15.01	31.479 E	-1.060 D	25.334	1439.7
16.1	16.52	31.503 E	-1.080 D	25.354	1439.7
17.1	17.39	31.558 E	-1.099 D	25.398	1439.7
18.1	18.26	31.605 E	-1.116 D	25.437	1439.7
19.1	19.54	31.669 E	-1.129 D	25.489	1439.7
20.1	20.83	31.685 E	-1.156 D	25.502	1439.6
21.1	21.52	31.737 E	-1.157 D	25.544	1439.7
22.1	22.98	31.749 E	-1.168 D	25.554	1439.7
23.1	23.55	31.789 E	-1.200 D	25.588	1439.6
24.1	25.00	31.804 E	-1.238 D	25.600	1439.5
25.1	25.48	31.831 E	-1.259 D	25.623	1439.4
26.1	26.94	31.863 E	-1.270 D	25.649	1439.5
27.1	27.67	31.869 E	-1.300 D	25.655	1439.3
28.1	28.84	31.896 E	-1.289 D	25.677	1439.4
29.1	29.78	31.932 E	-1.321 D	25.707	1439.4
31.1	32.15	31.923 E	-1.314 D	25.699	1439.4
32.1	32.86	31.966 E	-1.321 D	25.734	1439.4
33.1	33.80	31.960 E	-1.394 D	25.731	1439.1
34.1	34.96	32.011 E	-1.382 D	25.772	1439.3
35.1	36.51	32.033 E	-1.357 D	25.789	1439.4
37.1	38.58	32.057 E	-1.354 D	25.808	1439.5
38.1	39.10	32.057 E	-1.330 D	25.808	1439.6
39.1	40.52	32.110 E	-1.309 D	25.850	1439.8
40.1	41.27	32.151 E	-1.303 D	25.883	1439.9
41.1	42.72	32.187 E	-1.310 D	25.912	1440.0
42.1	43.64	32.214 E	-1.299 D	25.934	1440.1
43.1	44.89	32.279 E	-1.331 D	25.987	1440.0
44.1	45.35	32.326 E	-1.351 D	26.026	1440.0
45.1	46.30	32.347 E	-1.361 D	26.043	1440.0
46.1	47.55	32.408 E	-1.373 D	26.093	1440.1
47.1	48.84	32.461 E	-1.384 D	26.136	1440.1
48.1	50.07	32.491 E	-1.384 D	26.161	1440.2
49.1	50.65	32.542 E	-1.416 D	26.203	1440.1
50.1	51.66	32.576 E	-1.411 D	26.230	1440.2
51.1	52.82	32.601 E	-1.420 D	26.250	1440.2
52.1	53.45	32.642 E	-1.437 D	26.284	1440.2
53.1	54.61	32.727 E	-1.445 D	26.353	1440.3
55.1	56.83	32.765 E	-1.442 D	26.384	1440.4
56.1	57.87	32.783 E	-1.465 D	26.399	1440.3
57.1	58.82	32.828 E	-1.457 D	26.435	1440.4
58.1	59.66	32.841 E	-1.459 D	26.446	1440.5
59.1	60.51	32.868 E	-1.460 D	26.468	1440.5
60.1	61.65	32.876 E	-1.419 D	26.473	1440.7
61.1	62.45	32.935 E	-1.422 D	26.521	1440.8
62.1	63.86	32.980 E	-1.420 D	26.557	1440.9
63.1	64.74	32.997 E	-1.407 D	26.570	1441.0
64.1	65.69	33.010 E	-1.411 D	26.581	1441.0
65.1	66.47	33.048 E	-1.409 D	26.612	1441.1
66.1	67.43	33.055 E	-1.408 D	26.618	1441.1
67.1	68.63	33.098 E	-1.401 D	26.653	1441.2
68.1	69.49	33.108 E	-1.394 D	26.660	1441.3
69.1	70.75	33.134 E	-1.386 D	26.681	1441.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
70.1	71.88	33.206 E	-1.348 D	26.739	1441.7
71.1	72.33	33.212 E	-1.339 D	26.743	1441.8
72.1	74.13	33.231 E	-1.349 D	26.759	1441.8
73.1	74.49	33.263 E	-1.357 D	26.785	1441.8
74.1	75.53	33.267 E	-1.349 D	26.788	1441.8
75.1	76.71	33.326 E	-1.365 D	26.836	1441.9
76.1	77.76	33.324 E	-1.307 D	26.833	1442.2
77.1	78.49	33.353 E	-1.335 D	26.857	1442.1
78.1	79.78	33.379 E	-1.492 D	26.882	1441.4
79.1	80.36	33.387 E	-1.449 D	26.887	1441.6
80.1	81.76	33.403 E	-1.371 D	26.899	1442.0
81.1	82.62	33.442 E	-1.341 D	26.930	1442.2
82.1	83.66	33.443 E	-1.325 D	26.930	1442.3
83.1	84.73	33.480 E	-1.203 D	26.956	1443.0
84.1	85.78	33.472 E	-1.128 D	26.947	1443.3
85.1	86.42	33.519 E	-1.083 D	26.984	1443.6
86.1	88.11	33.535 E	-1.113 D	26.997	1443.5
87.1	88.71	33.548 E	-1.106 D	27.008	1443.6
88.1	89.69	33.557 E	-1.056 D	27.013	1443.9
89.1	90.41	33.583 E	-1.046 D	27.034	1444.0
90.1	91.80	33.606 E	-1.013 D	27.052	1444.2
91.1	92.60	33.622 E	-0.979 D	27.064	1444.4
93.1	95.30	33.641 E	-0.956 D	27.079	1444.5
94.1	95.81	33.655 E	-0.927 D	27.088	1444.7
95.1	96.91	33.675 E	-0.916 D	27.104	1444.8
96.1	97.92	33.700 E	-0.903 D	27.124	1444.9
97.1	98.50	33.698 E	-0.898 D	27.122	1444.9
99.1	100.61	33.720 E	-0.882 D	27.140	1445.1
100.1	101.71	33.711 E	-0.866 D	27.132	1445.2
101.1	102.62	33.721 E	-0.846 D	27.140	1445.3
111.1	112.78	33.807 D	-0.793 C	27.207	1445.8
121.1	123.25	33.900 D	-0.736 C	27.280	1446.4
131.1	133.42	33.966 D	-0.700 C	27.331	1446.8
141.1	143.32	34.068 D	-0.645 C	27.412	1447.4
151.1	153.32	34.124 D	-0.586 C	27.454	1447.9
161.1	163.49	34.232 D	-0.505 C	27.539	1448.6

EXPERIMENT 1721



CRUISE 15-73-012

O'IBERVILLE FIORD-73

EXPER. NO. 1721

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 070473

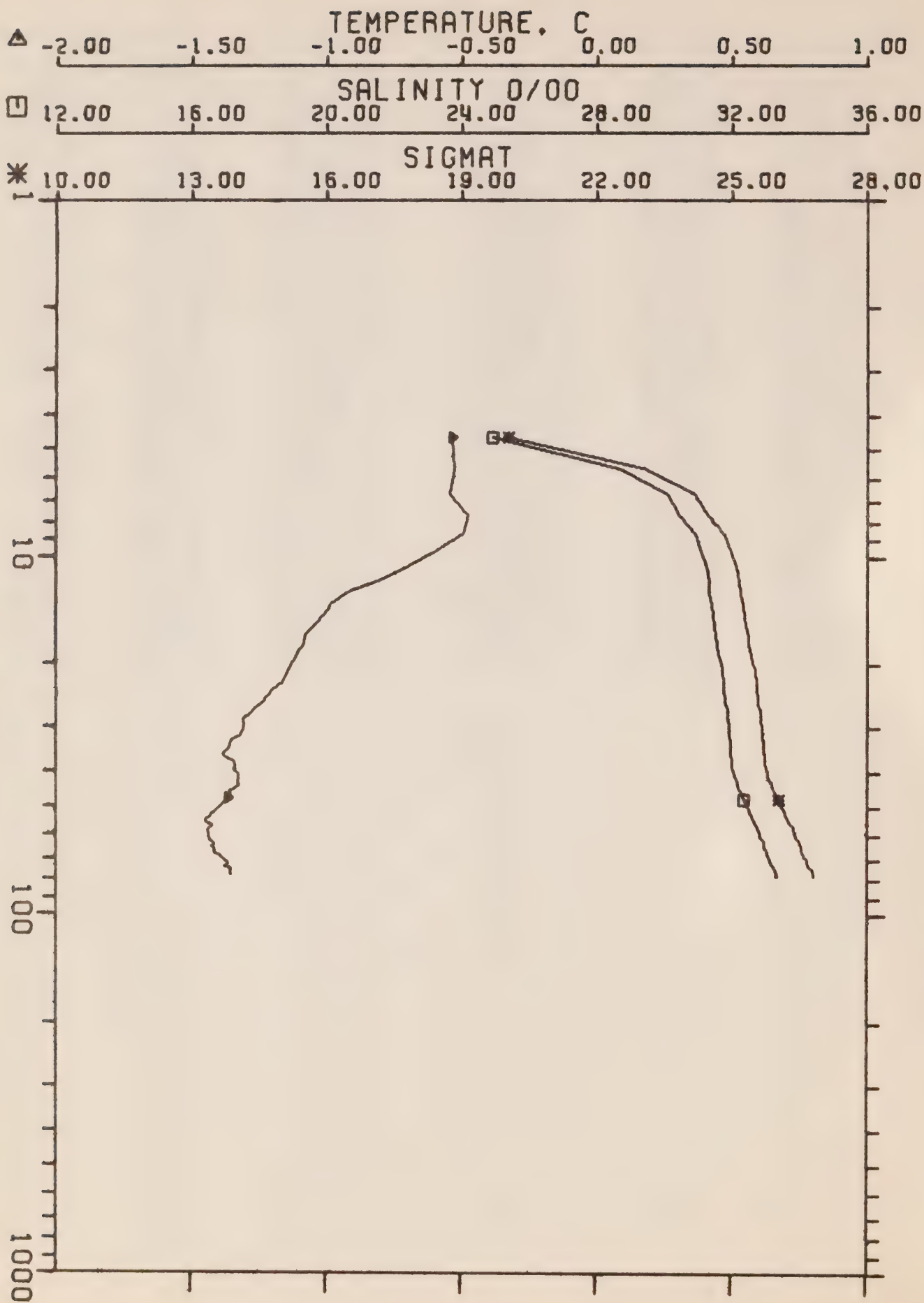
LOCAL TIME 1600

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.1	4.07	24.755 E	-0.535 D	19.899	1432.7
5.1	5.14	28.700 E	-0.512 D	23.076	1438.3
6.1	6.18	30.055 E	-0.534 D	24.169	1440.0
7.1	7.25	30.527 E	-0.464 D	24.547	1441.0
8.1	8.25	30.839 E	-0.503 D	24.801	1441.3
9.1	9.35	31.028 E	-0.586 D	24.956	1441.2
10.1	10.24	31.181 E	-0.724 D	25.083	1440.8
11.1	11.46	31.283 E	-0.814 D	25.168	1440.5
12.1	12.48	31.336 E	-0.944 D	25.215	1440.0
13.1	13.32	31.392 E	-0.984 D	25.261	1439.9
14.1	14.71	31.416 E	-1.004 D	25.281	1439.9
15.1	15.31	31.464 E	-1.047 D	25.321	1439.8
16.1	16.15	31.484 E	-1.070 D	25.338	1439.7
17.1	17.25	31.539 E	-1.086 D	25.382	1439.7
18.1	18.82	31.590 E	-1.105 D	25.424	1439.7
19.1	19.67	31.641 E	-1.119 D	25.466	1439.7
20.1	20.30	31.685 E	-1.136 D	25.502	1439.7
21.1	21.77	31.699 E	-1.148 D	25.513	1439.7
22.1	22.53	31.751 E	-1.169 D	25.556	1439.7
23.1	23.56	31.759 E	-1.208 D	25.564	1439.5
24.1	24.20	31.806 E	-1.230 D	25.602	1439.5
26.1	26.77	31.845 E	-1.269 D	25.635	1439.4
27.1	28.14	31.859 E	-1.274 D	25.646	1439.4
28.1	28.89	31.871 E	-1.294 D	25.656	1439.4
29.1	29.34	31.904 E	-1.294 D	25.683	1439.4
30.1	30.47	31.915 E	-1.315 D	25.693	1439.4
31.1	32.04	31.913 E	-1.323 D	25.691	1439.4
32.1	32.63	31.929 E	-1.381 D	25.705	1439.1
33.1	33.80	31.945 E	-1.326 D	25.717	1439.4
34.1	34.56	31.945 E	-1.370 D	25.718	1439.2
35.1	35.76	31.946 E	-1.385 D	25.720	1439.2
36.1	36.65	31.980 E	-1.377 D	25.747	1439.3
37.1	37.82	31.974 E	-1.347 D	25.741	1439.4
38.1	38.70	31.988 E	-1.325 D	25.752	1439.6
39.1	39.92	32.037 E	-1.341 D	25.792	1439.6
40.1	40.55	32.052 E	-1.310 D	25.803	1439.7
41.1	41.86	32.109 E	-1.322 D	25.850	1439.8
42.1	42.56	32.132 E	-1.325 D	25.868	1439.8
43.1	43.51	32.166 E	-1.327 D	25.896	1439.9
44.1	44.53	32.217 E	-1.332 D	25.938	1439.9
45.1	46.05	32.286 E	-1.354 D	25.993	1440.0
46.1	46.73	32.303 E	-1.361 D	26.007	1440.0
47.1	47.85	32.352 E	-1.361 D	26.047	1440.0
48.1	48.84	32.400 E	-1.383 D	26.086	1440.0
49.1	49.77	32.432 E	-1.391 D	26.113	1440.1
50.1	50.72	32.490 E	-1.405 D	26.160	1440.1
51.1	51.61	32.547 E	-1.426 D	26.207	1440.1
52.1	52.67	32.546 E	-1.426 D	26.206	1440.1
53.1	53.57	32.623 E	-1.441 D	26.269	1440.1
54.1	54.61	32.650 E	-1.445 D	26.291	1440.2
55.1	55.94	32.680 E	-1.460 D	26.316	1440.2
56.1	57.07	32.731 E	-1.424 D	26.355	1440.4
57.1	58.17	32.746 E	-1.434 D	26.368	1440.4
58.1	58.97	32.775 E	-1.437 D	26.391	1440.5
59.1	60.48	32.808 E	-1.437 D	26.418	1440.5
60.1	60.94	32.835 E	-1.436 D	26.441	1440.6
61.1	62.37	32.897 E	-1.428 D	26.490	1440.7
62.1	63.32	32.929 E	-1.427 D	26.516	1440.8
63.1	64.05	32.947 E	-1.422 D	26.531	1440.9
64.1	64.89	32.945 E	-1.436 D	26.529	1440.8
65.1	66.13	32.964 E	-1.411 D	26.544	1441.0
66.1	67.03	33.005 E	-1.419 D	26.577	1441.0
67.1	68.04	33.045 E	-1.418 D	26.610	1441.1

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
68.1	69.31	33.067 E	-1.386 D	26.627	1441.3
69.1	70.39	33.066 E	-1.391 D	26.626	1441.3
70.1	71.23	33.113 E	-1.384 D	26.664	1441.4
71.1	72.35	33.146 E	-1.371 D	26.691	1441.5
72.1	73.11	33.161 E	-1.363 D	26.703	1441.6
73.1	74.59	33.219 E	-1.382 D	26.750	1441.6
74.1	75.26	33.242 E	-1.342 D	26.768	1441.8
75.1	75.91	33.263 E	-1.343 D	26.784	1441.9
76.1	77.03	33.279 E	-1.357 D	26.798	1441.8
77.1	78.45	33.314 E	-1.347 D	26.826	1442.0
79.1	80.15	33.361 E	-1.312 D	26.863	1442.2
80.1	81.49	33.385 E	-1.329 D	26.883	1442.2
81.1	82.50	33.426 E	-1.347 D	26.917	1442.2
82.1	83.19	33.442 E	-1.305 D	26.928	1442.4
84.1	85.35	33.452 E	-1.203 D	26.933	1442.9
85.1	86.29	33.452 E	-1.078 D	26.930	1443.6
86.1	87.18	33.465 E	-1.084 D	26.940	1443.6
87.1	88.26	33.524 E	-1.081 D	26.988	1443.7
89.1	90.42	33.522 E	-1.048 D	26.985	1443.9
90.1	91.47	33.551 E	-1.020 D	27.008	1444.0
91.1	92.43	33.580 E	-0.997 D	27.031	1444.2
92.1	93.48	33.575 E	-0.964 D	27.025	1444.4
93.1	94.05	33.615 E	-0.955 D	27.058	1444.5
94.1	95.62	33.612 E	-0.915 D	27.054	1444.7
95.1	96.37	33.643 E	-0.910 D	27.079	1444.8
96.1	97.22	33.660 E	-0.893 D	27.092	1444.9
97.1	98.72	33.671 E	-0.880 D	27.100	1445.0
99.1	100.49	33.665 E	-0.853 D	27.094	1445.1
100.1	101.87	33.707 E	-0.871 D	27.128	1445.1
101.1	103.12	33.700 E	-0.844 D	27.122	1445.3
111.1	112.84	33.791 D	-0.779 C	27.193	1445.9
121.1	122.81	33.869 D	-0.733 C	27.255	1446.3
131.1	132.88	33.933 D	-0.675 C	27.304	1446.9
141.1	143.43	34.063 D	-0.615 C	27.407	1447.5
151.1	153.70	34.132 D	-0.546 C	27.460	1448.1
161.1	162.77	34.333 D	-0.452 C	27.618	1449.0

EXPERIMENT 2721

DEPTH M



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 2721

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

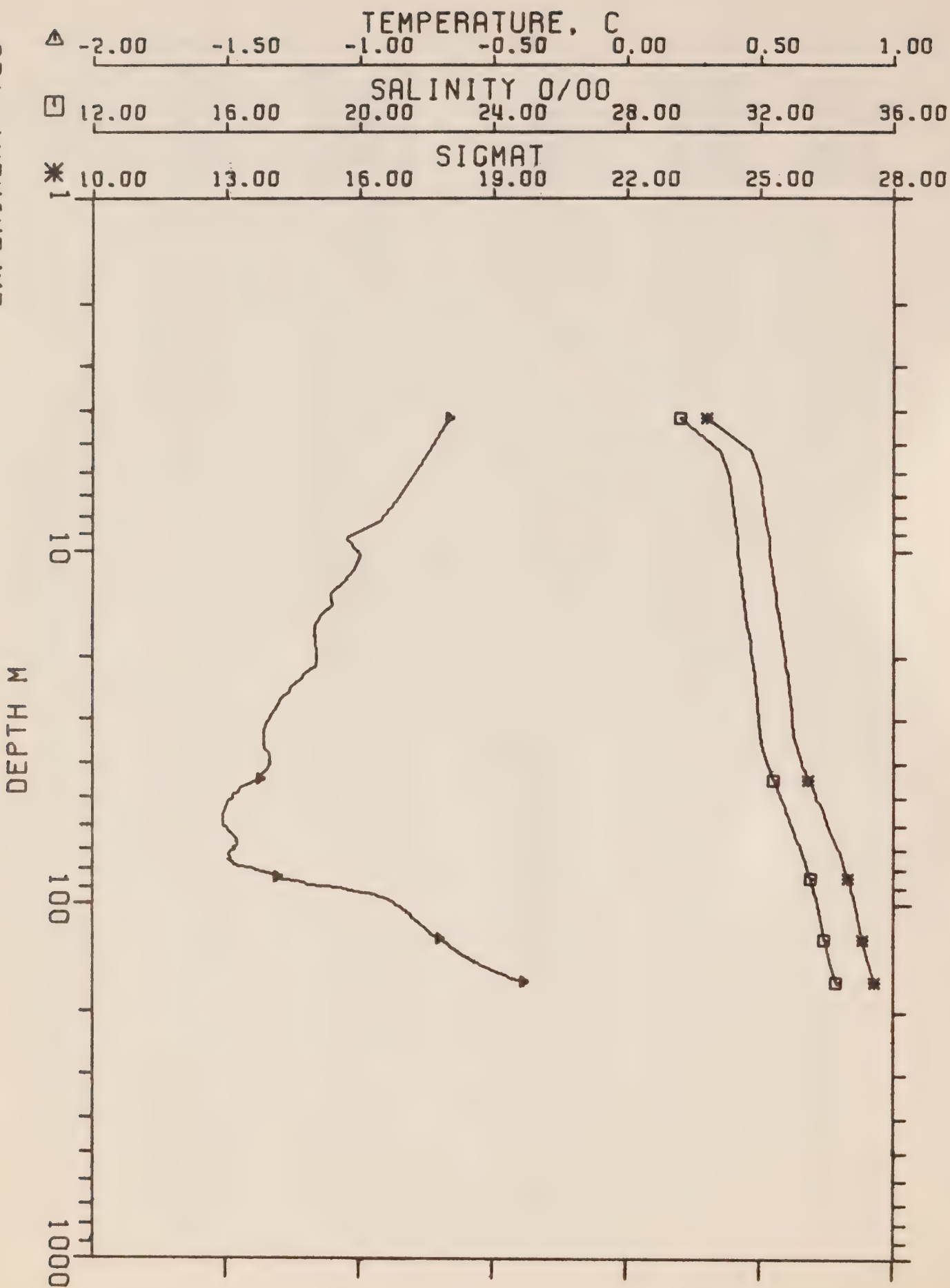
DATE 070473

LOCAL TIME 1630

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.6	4.59	24.938 E	-0.533 D	20.046	1433.0
5.6	5.26	28.683 E	-0.526 D	23.062	1438.2
6.6	6.18	30.072 E	-0.543 D	24.183	1440.0
7.6	7.52	30.460 E	-0.475 D	24.494	1440.9
8.6	8.17	30.901 E	-0.496 D	24.850	1441.4
9.6	9.49	31.091 E	-0.593 D	25.007	1441.3
10.6	10.32	31.237 E	-0.697 D	25.128	1441.0
11.6	11.49	31.303 E	-0.802 D	25.184	1440.6
12.6	12.49	31.339 E	-0.921 D	25.217	1440.1
13.6	13.64	31.398 E	-0.984 D	25.266	1439.9
14.6	14.58	31.443 E	-1.010 D	25.303	1439.9
15.6	15.15	31.472 E	-1.044 D	25.327	1439.8
16.6	16.19	31.536 E	-1.080 D	25.380	1439.7
17.6	17.49	31.566 E	-1.086 D	25.404	1439.7
18.6	18.60	31.608 E	-1.108 D	25.439	1439.7
19.6	19.62	31.661 E	-1.127 D	25.482	1439.7
20.6	20.55	31.718 E	-1.140 D	25.529	1439.8
22.6	22.60	31.753 E	-1.165 D	25.558	1439.7
23.6	23.78	31.774 E	-1.202 D	25.576	1439.6
24.6	24.54	31.814 E	-1.219 D	25.608	1439.6
25.6	25.82	31.815 E	-1.242 D	25.610	1439.5
26.6	26.40	31.861 E	-1.265 D	25.647	1439.5
27.6	27.47	31.879 E	-1.285 D	25.663	1439.4
28.6	28.61	31.886 E	-1.309 D	25.669	1439.3
29.6	29.60	31.913 E	-1.307 D	25.690	1439.4
31.6	31.53	31.925 E	-1.322 D	25.701	1439.4
32.6	32.79	31.943 E	-1.355 D	25.716	1439.3
34.6	34.61	31.951 E	-1.366 D	25.723	1439.2
35.6	36.20	31.975 E	-1.387 D	25.743	1439.2
36.6	36.42	31.989 E	-1.368 D	25.754	1439.3
37.6	37.41	31.994 E	-1.342 D	25.757	1439.5
38.6	38.66	32.013 E	-1.336 D	25.773	1439.5
39.6	39.32	32.052 E	-1.347 D	25.804	1439.6
40.6	40.22	32.077 E	-1.326 D	25.824	1439.7
41.6	41.66	32.113 E	-1.326 D	25.853	1439.8
42.6	42.58	32.158 E	-1.328 D	25.889	1439.8
43.6	43.62	32.153 E	-1.321 D	25.886	1439.9
44.6	44.83	32.233 E	-1.341 D	25.950	1439.9
45.6	45.85	32.288 E	-1.358 D	25.996	1439.9
46.6	46.65	32.311 E	-1.353 D	26.014	1440.0
47.6	47.53	32.359 E	-1.365 D	26.053	1440.0
48.6	48.83	32.413 E	-1.380 D	26.097	1440.1
49.6	49.71	32.446 E	-1.391 D	26.124	1440.1
50.6	51.04	32.503 E	-1.402 D	26.171	1440.1
51.6	51.86	32.535 E	-1.415 D	26.197	1440.1
52.6	52.75	32.586 E	-1.429 D	26.239	1440.1
53.6	53.64	32.605 E	-1.433 D	26.254	1440.2
54.6	54.92	32.631 E	-1.448 D	26.292	1440.2
55.6	55.88	32.688 E	-1.444 D	26.321	1440.3
56.6	56.71	32.749 E	-1.422 D	26.370	1440.5
57.6	58.12	32.754 E	-1.432 D	26.375	1440.4
58.6	59.11	32.781 E	-1.441 D	26.397	1440.5
59.6	59.82	32.824 E	-1.437 D	26.432	1440.5
60.6	60.83	32.838 E	-1.434 D	26.443	1440.6
61.6	62.35	32.901 E	-1.429 D	26.493	1440.7
62.6	63.04	32.955 E	-1.425 D	26.537	1440.8
63.6	64.19	32.971 E	-1.416 D	26.550	1440.9
64.6	64.95	32.978 E	-1.423 D	26.556	1440.9
65.6	66.31	32.995 E	-1.417 D	26.569	1441.0
66.6	66.97	33.021 E	-1.413 D	26.591	1441.1
67.6	63.74	33.045 E	-1.410 D	26.610	1441.1
68.6	69.00	33.071 E	-1.388 D	26.630	1441.3
69.6	70.18	33.121 E	-1.384 D	26.670	1441.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
70.6	71.40	33.137 E	-1.374 D	26.683	1441.5
71.6	72.40	33.165 E	-1.361 D	26.705	1441.6
72.6	72.87	33.188 E	-1.363 D	26.724	1441.6
73.6	74.15	33.243 E	-1.374 D	26.769	1441.7
74.6	75.21	33.267 E	-1.351 D	26.788	1441.8
76.6	77.39	33.304 E	-1.357 D	26.818	1441.9
77.6	78.38	33.319 E	-1.352 D	26.830	1441.9

EXPERIMENT 723



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 723

LAT. N80 35.0

LONG. W78 42.0

WATER DEPTH 384

DEPTH INCR. 1.00

DATE 070473

LOCAL TIME 1100

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
4.2	4.21	29.591 E	-0.665 D	23.798	1438.8
5.2	5.22	30.806 E	-0.741 D	24.781	1440.1
6.2	6.28	31.073 E	-0.803 D	24.998	1440.2
7.2	7.28	31.160 E	-0.865 D	25.070	1440.1
8.2	8.29	31.225 E	-0.923 D	25.124	1439.9
9.2	9.31	31.318 E	-1.050 D	25.203	1439.4
10.2	10.32	31.335 E	-0.993 D	25.215	1439.7
11.2	11.39	31.398 E	-1.019 D	25.267	1439.7
12.2	12.35	31.449 E	-1.059 D	25.309	1439.6
13.2	13.41	31.494 E	-1.109 D	25.347	1439.5
14.2	14.41	31.509 E	-1.100 D	25.358	1439.5
15.2	15.41	31.572 E	-1.144 D	25.411	1439.4
16.2	16.41	31.614 E	-1.171 D	25.445	1439.4
17.2	17.51	31.661 E	-1.172 D	25.483	1439.5
18.2	18.48	31.703 E	-1.163 D	25.517	1439.6
19.2	19.55	31.720 E	-1.162 D	25.531	1439.6
20.2	20.48	31.751 E	-1.161 D	25.556	1439.7
21.2	21.55	31.786 E	-1.167 D	25.584	1439.7
22.2	22.57	31.824 E	-1.205 D	25.616	1439.6
23.2	23.57	31.843 E	-1.224 D	25.632	1439.6
24.2	24.57	31.870 E	-1.254 D	25.654	1439.5
25.2	25.66	31.883 E	-1.271 D	25.665	1439.4
26.2	26.65	31.903 E	-1.294 D	25.682	1439.4
27.2	27.66	31.919 E	-1.311 D	25.695	1439.3
28.2	28.71	31.934 E	-1.319 D	25.708	1439.3
29.2	29.66	31.944 E	-1.333 D	25.717	1439.3
30.2	30.75	31.951 E	-1.345 D	25.722	1439.3
31.2	31.73	31.960 E	-1.356 D	25.730	1439.3
32.2	32.75	31.980 E	-1.360 D	25.746	1439.3
33.2	33.81	31.992 E	-1.362 D	25.756	1439.3
34.2	34.74	32.021 E	-1.360 D	25.780	1439.4
35.2	35.79	32.047 E	-1.361 D	25.801	1439.4
36.2	36.82	32.086 E	-1.354 D	25.832	1439.5
37.2	37.80	32.127 E	-1.341 D	25.865	1439.7
38.2	38.87	32.166 E	-1.337 D	25.896	1439.8
39.2	39.86	32.191 E	-1.337 D	25.916	1439.8
40.2	40.87	32.225 E	-1.339 D	25.944	1439.9
41.2	41.94	32.274 E	-1.343 D	25.983	1439.9
42.2	42.89	32.328 E	-1.357 D	26.028	1440.0
43.2	43.96	32.373 E	-1.368 D	26.065	1440.0
44.2	44.94	32.410 E	-1.376 D	26.094	1440.0
45.2	45.95	32.457 E	-1.396 D	26.133	1440.0
46.2	46.98	32.502 E	-1.429 D	26.170	1439.9
47.2	48.04	32.527 E	-1.448 D	26.191	1439.9
48.2	49.01	32.562 E	-1.453 D	26.219	1439.9
49.2	50.04	32.605 E	-1.475 D	26.255	1439.9
50.2	51.10	32.624 E	-1.476 D	26.270	1439.9
51.2	53.07	32.690 E	-1.497 D	26.324	1440.0
52.2	54.14	32.715 E	-1.501 D	26.345	1440.0
53.2	55.14	32.744 E	-1.506 D	26.368	1440.0
54.2	56.14	32.779 E	-1.507 D	26.397	1440.1
55.2	57.21	32.818 E	-1.516 D	26.429	1440.1
56.2	58.18	32.841 E	-1.510 D	26.447	1440.2
57.2	59.24	32.867 E	-1.513 D	26.468	1440.2
58.2	60.22	32.892 E	-1.509 D	26.488	1440.3
59.2	61.25	32.916 E	-1.511 D	26.508	1440.4
60.2	62.25	32.944 E	-1.503 D	26.530	1440.4
61.2	63.30	32.973 E	-1.494 D	26.554	1440.5
62.2	64.30	32.997 E	-1.488 D	26.572	1440.6
63.2	65.30	33.021 E	-1.478 D	26.592	1440.7
64.2	66.35	33.052 E	-1.468 D	26.617	1440.8
65.2	67.45	33.084 E	-1.461 D	26.643	1440.9
66.2	68.40	33.113 E	-1.455 D	26.666	1441.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
67.2	69.40	33.147 E	-1.453 D	26.693	1441.1
68.2	70.45	33.181 E	-1.462 D	26.721	1441.1
69.2	71.50	33.209 E	-1.474 D	26.744	1441.1
70.2	72.45	33.241 E	-1.466 D	26.770	1441.2
71.2	73.55	33.260 E	-1.487 D	26.786	1441.2
72.2	74.50	33.279 E	-1.495 D	26.801	1441.2
73.2	75.55	33.297 E	-1.486 D	26.816	1441.2
74.2	76.55	33.314 F	-1.482 D	26.830	1441.3
75.2	77.55	33.344 F	-1.496 D	26.854	1441.3
76.2	78.55	33.358 E	-1.468 D	26.865	1441.5
77.2	79.60	33.364 E	-1.474 D	26.870	1441.5
78.2	80.60	33.391 E	-1.451 D	26.891	1441.6
79.2	81.60	33.408 E	-1.406 D	26.903	1441.9
80.2	82.70	33.424 E	-1.386 D	26.916	1442.0
81.2	83.65	33.446 E	-1.364 D	26.933	1442.2
82.2	84.70	33.455 E	-1.322 D	26.940	1442.4
83.2	85.70	33.468 E	-1.286 D	26.949	1442.6
84.2	86.80	33.510 E	-1.310 D	26.983	1442.6
85.2	87.75	33.510 E	-1.282 D	26.982	1442.7
86.2	88.75	33.522 F	-1.240 D	26.991	1442.9
87.2	89.80	33.539 E	-1.203 D	27.004	1443.1
88.2	90.75	33.569 E	-1.195 D	27.028	1443.2
89.2	92.85	33.591 E	-1.073 D	27.042	1443.9
91.2	93.90	33.600 E	-1.036 D	27.048	1444.1
92.2	94.90	33.618 E	-1.008 D	27.061	1444.3
93.2	95.90	33.632 E	-0.976 D	27.072	1444.4
94.2	97.00	33.652 E	-0.947 D	27.087	1444.6
95.2	97.95	33.667 E	-0.921 D	27.098	1444.8
96.2	98.95	33.679 E	-0.902 D	27.108	1444.9
97.2	100.00	33.691 E	-0.890 D	27.116	1445.0
98.2	101.00	33.705 E	-0.881 D	27.127	1445.1
99.2	101.95	33.714 E	-0.872 D	27.135	1445.1
100.2	103.05	33.724 E	-0.861 D	27.142	1445.2
101.2	104.00	33.735 E	-0.851 D	27.150	1445.3
102.2	105.05	33.743 E	-0.842 D	27.157	1445.4
103.2	106.10	33.752 E	-0.836 D	27.163	1445.4
104.2	107.10	33.761 E	-0.829 D	27.171	1445.5
105.2	108.10	33.772 D	-0.822 C	27.179	1445.6
106.2	109.15	33.779 D	-0.815 C	27.185	1445.6
107.2	110.15	33.789 D	-0.807 C	27.193	1445.7
108.2	111.15	33.796 D	-0.803 C	27.198	1445.7
109.2	112.25	33.805 D	-0.798 C	27.205	1445.8
110.2	113.20	33.811 D	-0.791 C	27.210	1445.8
111.2	114.30	33.821 D	-0.784 C	27.218	1445.9
112.2	115.25	33.827 D	-0.777 C	27.222	1446.0
113.2	116.30	33.838 D	-0.771 C	27.231	1446.0
114.2	117.35	33.845 D	-0.765 C	27.237	1446.1
115.2	118.30	33.856 D	-0.758 C	27.245	1446.1
116.2	119.35	33.864 D	-0.751 C	27.251	1446.2
117.2	120.35	33.874 D	-0.745 C	27.259	1446.3
118.2	121.40	33.881 D	-0.740 C	27.265	1446.3
119.2	122.45	33.888 D	-0.735 C	27.270	1446.4
120.2	123.40	33.895 D	-0.729 C	27.275	1446.4
121.2	124.50	33.903 D	-0.723 C	27.282	1446.5
122.2	125.45	33.910 D	-0.719 C	27.288	1446.5
123.2	126.50	33.915 D	-0.713 C	27.291	1446.6
124.2	127.40	33.925 D	-0.706 C	27.298	1446.6
125.2	128.55	33.934 D	-0.699 C	27.306	1446.7
126.2	129.50	33.942 D	-0.691 C	27.312	1446.8
127.2	130.60	33.953 D	-0.683 C	27.320	1446.8
128.2	131.50	33.962 D	-0.676 C	27.327	1446.9
129.2	132.60	33.973 D	-0.667 C	27.336	1447.0
130.2	133.60	33.983 D	-0.660 C	27.343	1447.0
131.2	134.60	33.988 D	-0.658 C	27.347	1447.1
132.2	135.65	33.992 D	-0.652 C	27.351	1447.1
133.2	136.70	33.999 D	-0.647 C	27.356	1447.2
134.2	137.65	34.006 D	-0.643 C	27.361	1447.2
135.2	138.75	34.014 D	-0.635 C	27.368	1447.3
136.2	139.60	34.023 D	-0.627 C	27.375	1447.3
137.2	140.55	34.032 D	-0.620 C	27.382	1447.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
138.2	141.55	34.039 D	-0.617 C	27.388	1447.4
139.2	142.70	34.044 D	-0.608 C	27.391	1447.5
140.2	143.65	34.055 D	-0.602 C	27.399	1447.6
141.2	144.70	34.065 D	-0.594 C	27.407	1447.6
142.2	145.60	34.073 D	-0.585 C	27.414	1447.7
143.2	146.55	34.082 D	-0.581 C	27.421	1447.7
144.2	147.75	34.091 D	-0.572 C	27.428	1447.8
145.2	148.65	34.100 D	-0.565 C	27.434	1447.9
146.2	149.80	34.109 D	-0.557 C	27.442	1447.9
147.2	150.65	34.118 D	-0.551 C	27.449	1448.0
148.2	151.75	34.125 D	-0.544 C	27.454	1448.1
149.2	152.65	34.134 D	-0.536 C	27.461	1448.1
150.2	153.65	34.144 D	-0.528 C	27.468	1448.2
151.2	154.65	34.153 D	-0.518 C	27.475	1448.3
152.2	155.90	34.167 D	-0.507 C	27.486	1448.4
153.2	156.80	34.178 D	-0.498 C	27.495	1448.4
154.2	157.75	34.186 D	-0.491 C	27.501	1448.5
155.2	158.85	34.194 D	-0.483 C	27.507	1448.6
156.2	159.80	34.204 D	-0.471 C	27.515	1448.6
157.2	160.95	34.215 D	-0.462 C	27.523	1448.7
158.2	161.75	34.226 D	-0.454 C	27.532	1448.8
159.2	162.85	34.237 D	-0.446 C	27.540	1448.8
160.2	163.95	34.244 D	-0.440 C	27.545	1448.9
161.2	164.90	34.253 D	-0.431 C	27.552	1449.0
162.2	165.80	34.265 D	-0.418 C	27.562	1449.1
163.2	167.10	34.277 D	-0.406 C	27.571	1449.2
164.2	168.05	34.286 D	-0.396 C	27.578	1449.2
165.2	168.85	34.299 D	-0.387 C	27.588	1449.3
166.2	169.95	34.307 D	-0.382 C	27.594	1449.4

EXPERIMENT 724

TEMPERATURE, C

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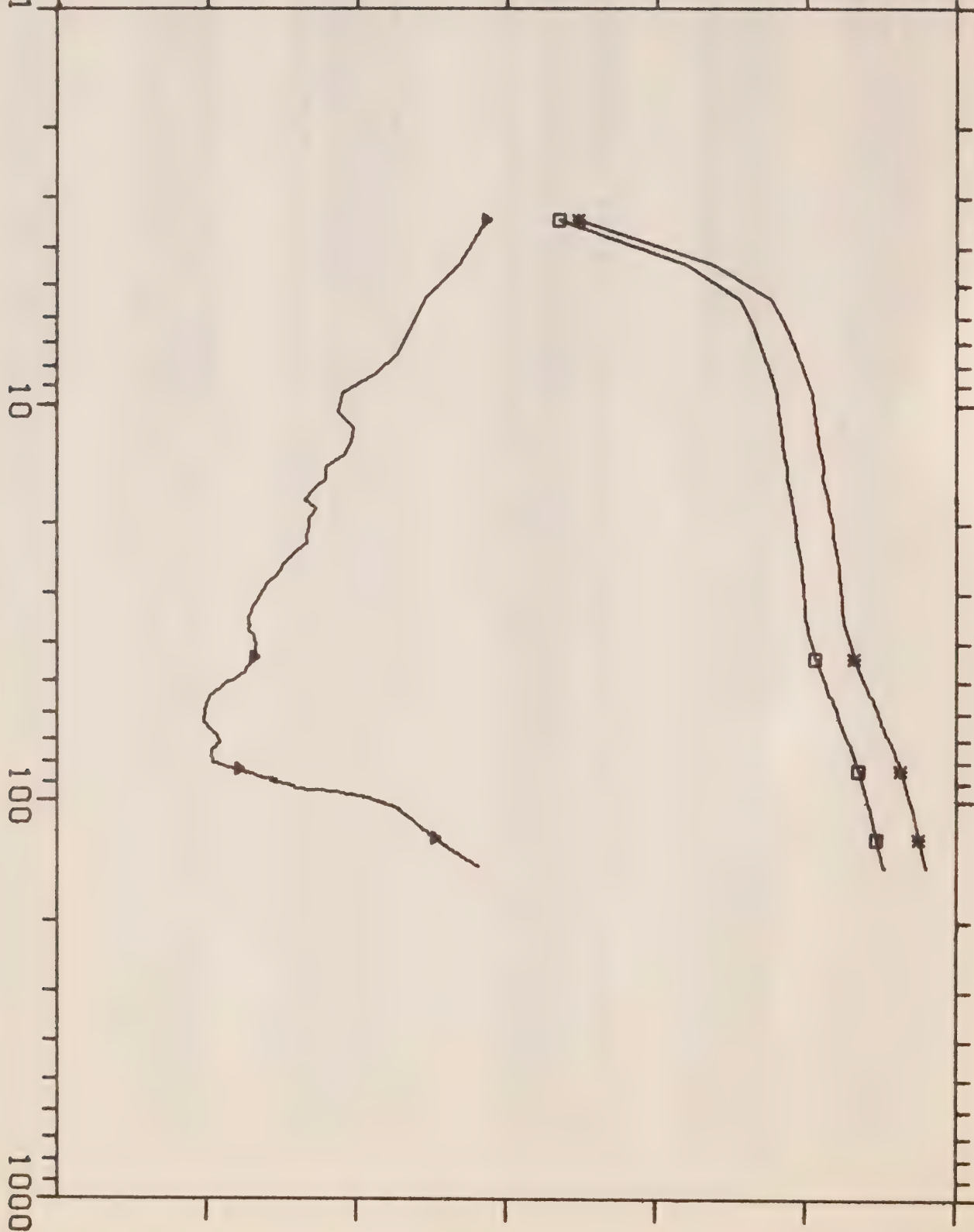
SALINITY ‰

12.00 16.00 20.00 24.00 28.00 32.00 36.00

SIGMAT

10.00 13.00 16.00 19.00 22.00 25.00 28.00

DEPTH M



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 724

LAT. N80 35.0

LONG. W78 42.0

WATER DEPTH 384

DEPTH INCR. 1.00

DATE 070473

LOCAL TIME 1130

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
3.4	3.40	25.410 E	-0.568 D	20.427	1433.4
4.4	4.40	28.783 E	-0.661 D	23.147	1437.7
5.4	5.40	30.195 E	-0.775 D	24.289	1439.1
6.4	6.40	30.587 E	-0.825 D	24.607	1439.4
7.4	7.40	30.860 E	-0.865 D	24.828	1439.6
8.4	8.40	31.051 E	-0.938 D	24.985	1439.6
9.4	9.40	31.208 E	-1.050 D	25.114	1439.3
10.4	10.40	31.246 E	-1.066 D	25.145	1439.3
11.4	11.40	31.323 E	-1.011 D	25.206	1439.7
12.4	12.40	31.358 E	-1.021 D	25.234	1439.7
13.4	13.40	31.420 E	-1.043 D	25.285	1439.7
14.4	14.40	31.494 E	-1.104 D	25.346	1439.5
15.4	15.40	31.486 E	-1.106 D	25.341	1439.5
16.4	16.40	31.560 E	-1.147 D	25.401	1439.4
17.4	17.40	31.602 E	-1.173 D	25.436	1439.4
18.4	18.40	31.636 E	-1.137 D	25.463	1439.6
19.4	19.40	31.682 E	-1.160 D	25.500	1439.6
20.4	20.40	31.713 E	-1.161 D	25.525	1439.6
21.4	21.40	31.739 E	-1.169 D	25.547	1439.7
22.4	22.40	31.772 E	-1.167 D	25.573	1439.7
23.4	23.40	31.810 E	-1.202 D	25.605	1439.6
24.4	24.40	31.835 E	-1.224 D	25.626	1439.6
25.4	25.40	31.862 E	-1.252 D	25.648	1439.5
26.4	26.40	31.867 E	-1.259 D	25.652	1439.5
27.4	27.40	31.887 E	-1.276 D	25.669	1439.5
28.4	28.40	31.902 E	-1.303 D	25.682	1439.4
29.4	29.40	31.919 E	-1.315 D	25.695	1439.4
30.4	30.40	31.935 E	-1.324 D	25.709	1439.4
31.4	31.40	31.941 E	-1.336 D	25.714	1439.3
32.4	32.40	31.945 E	-1.348 D	25.718	1439.3
33.4	33.40	31.959 E	-1.357 D	25.729	1439.3
34.4	34.40	31.974 E	-1.364 D	25.741	1439.3
35.4	35.40	31.992 E	-1.362 D	25.756	1439.3
36.4	36.40	32.021 E	-1.362 D	25.779	1439.4
37.4	37.40	32.050 E	-1.364 D	25.803	1439.4
38.4	38.40	32.094 E	-1.346 D	25.838	1439.6
39.4	39.40	32.133 E	-1.339 D	25.869	1439.7
40.4	40.40	32.163 E	-1.337 D	25.893	1439.8
41.4	41.40	32.195 E	-1.338 D	25.920	1439.8
42.4	42.40	32.229 E	-1.340 D	25.947	1439.9
43.4	43.40	32.258 E	-1.343 D	25.971	1439.9
44.4	44.40	32.292 E	-1.348 D	25.998	1440.0
45.4	45.40	32.337 E	-1.361 D	26.035	1440.0
46.4	46.40	32.356 E	-1.368 D	26.051	1440.0
47.4	47.40	32.384 E	-1.373 D	26.074	1440.0
48.4	48.40	32.432 E	-1.389 D	26.113	1440.0
49.4	49.40	32.472 E	-1.410 D	26.146	1440.0
50.4	50.40	32.505 E	-1.439 D	26.173	1439.9
51.4	51.40	32.529 E	-1.449 D	26.192	1439.9
52.4	52.40	32.569 E	-1.461 D	26.226	1440.0
53.4	53.40	32.605 E	-1.479 D	26.255	1439.9
54.4	54.40	32.679 E	-1.493 D	26.315	1440.0
55.4	55.40	32.704 E	-1.498 D	26.336	1440.0
56.4	56.40	32.731 E	-1.505 D	26.357	1440.0
57.4	57.40	32.752 E	-1.507 D	26.374	1440.1
58.4	58.40	32.783 E	-1.510 D	26.400	1440.1
59.4	59.40	32.823 E	-1.512 D	26.432	1440.2
60.4	60.40	32.850 E	-1.512 D	26.455	1440.2
61.4	61.40	32.874 E	-1.514 D	26.474	1440.3
62.4	62.40	32.899 E	-1.509 D	26.494	1440.4
63.4	63.40	32.917 E	-1.510 D	26.509	1440.4
64.4	64.40	32.944 E	-1.502 D	26.530	1440.5
65.4	65.40	32.972 E	-1.493 D	26.552	1440.6

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
66.4	66.40	32.996 E	-1.484 D	26.572	1440.7
67.4	67.40	33.026 E	-1.475 D	26.596	1440.8
68.4	68.40	33.053 E	-1.466 D	26.617	1440.9
69.4	69.40	33.081 E	-1.459 D	26.640	1441.0
70.4	70.40	33.114 E	-1.457 D	26.667	1441.0
71.4	71.40	33.152 E	-1.456 D	26.698	1441.1
72.4	72.40	33.182 E	-1.468 D	26.722	1441.1
73.4	73.40	33.211 E	-1.474 D	26.746	1441.1
74.4	74.40	33.236 E	-1.485 D	26.766	1441.1
75.4	75.40	33.249 E	-1.486 D	26.777	1441.2
76.4	76.40	33.265 E	-1.487 D	26.790	1441.2
77.4	77.40	33.295 E	-1.488 D	26.814	1441.3
78.4	78.40	33.316 E	-1.481 D	26.831	1441.3
79.4	79.40	33.340 E	-1.486 D	26.850	1441.4
80.4	80.40	33.370 E	-1.481 D	26.875	1441.4
81.4	81.40	33.372 E	-1.449 D	26.875	1441.6
82.4	82.40	33.386 E	-1.433 D	26.887	1441.7
83.4	83.40	33.407 E	-1.393 D	26.903	1442.0
84.4	84.40	33.423 E	-1.368 D	26.914	1442.1
85.4	85.40	33.441 E	-1.350 D	26.929	1442.2
86.4	86.40	33.459 E	-1.340 D	26.943	1442.3
87.4	87.40	33.468 E	-1.304 D	26.950	1442.5
88.4	88.40	33.470 E	-1.264 D	26.949	1442.7
89.4	89.40	33.495 E	-1.288 D	26.971	1442.7
90.4	90.40	33.509 E	-1.236 D	26.981	1443.0
91.4	91.40	33.525 E	-1.212 D	26.993	1443.1
92.4	92.40	33.540 E	-1.205 D	27.005	1443.2
93.4	93.40	33.550 E	-1.204 D	27.013	1443.2
94.4	94.40	33.558 E	-1.072 D	27.015	1443.9
95.4	95.40	33.581 E	-1.052 D	27.033	1444.0
96.4	96.40	33.595 E	-1.024 D	27.043	1444.2
97.4	97.40	33.610 E	-0.985 D	27.054	1444.4
98.4	98.40	33.635 E	-0.960 D	27.073	1444.6
99.4	99.40	33.650 E	-0.937 D	27.085	1444.7
100.4	100.40	33.658 E	-0.916 D	27.091	1444.8
101.4	101.40	33.675 E	-0.904 D	27.104	1444.9
102.4	102.40	33.687 E	-0.889 D	27.113	1445.0
103.4	103.40	33.699 E	-0.871 D	27.122	1445.1
104.4	104.40	33.709 E	-0.863 D	27.130	1445.2
105.4	105.40	33.718 D	-0.854 C	27.137	1445.3
106.4	106.40	33.730 D	-0.846 C	27.147	1445.4
107.4	107.40	33.739 D	-0.839 C	27.153	1445.4
108.4	108.40	33.746 D	-0.832 C	27.159	1445.5
109.4	109.40	33.757 D	-0.825 C	27.167	1445.5
110.4	110.40	33.767 D	-0.818 C	27.175	1445.6
111.4	111.40	33.775 D	-0.812 C	27.182	1445.7
112.4	112.40	33.784 D	-0.806 C	27.189	1445.7
113.4	113.40	33.791 D	-0.801 C	27.194	1445.8
114.4	114.40	33.799 D	-0.796 C	27.201	1445.8
115.4	115.40	33.806 D	-0.789 C	27.206	1445.9
116.4	116.40	33.815 D	-0.782 C	27.213	1445.9
117.4	117.40	33.825 D	-0.776 C	27.221	1446.0
118.4	118.40	33.832 D	-0.768 C	27.226	1446.1
119.4	119.40	33.844 D	-0.761 C	27.235	1446.1
120.4	120.40	33.848 D	-0.758 C	27.239	1446.2
121.4	121.40	33.855 D	-0.753 C	27.244	1446.2
122.4	122.40	33.864 D	-0.745 C	27.251	1446.3
123.4	123.40	33.874 D	-0.738 C	27.259	1446.3
124.4	124.40	33.882 D	-0.732 C	27.265	1446.4
125.4	125.40	33.890 D	-0.727 C	27.271	1446.4
126.4	126.40	33.896 D	-0.722 C	27.276	1446.5
127.4	127.40	33.904 D	-0.715 C	27.282	1446.6
128.4	128.40	33.912 D	-0.710 C	27.289	1446.6
129.4	129.40	33.922 D	-0.703 C	27.296	1446.7
130.4	130.40	33.930 D	-0.696 C	27.303	1446.7
131.4	131.40	33.938 D	-0.690 C	27.309	1446.8
132.4	132.40	33.946 D	-0.684 C	27.315	1446.8
133.4	133.40	33.956 D	-0.676 C	27.323	1446.9
134.4	134.40	33.963 D	-0.670 C	27.328	1447.0
135.4	135.40	33.972 D	-0.663 C	27.335	1447.0

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
136.4	136.40	33.981 D	-0.656 C	27.342	1447.1
137.4	137.40	33.989 D	-0.650 C	27.348	1447.1
138.4	138.40	33.995 D	-0.645 C	27.353	1447.2
139.4	139.40	34.003 D	-0.637 C	27.359	1447.2
140.4	140.40	34.014 D	-0.629 C	27.367	1447.3
141.4	141.40	34.019 D	-0.624 C	27.371	1447.4
142.4	142.40	34.027 D	-0.617 C	27.378	1447.4
143.4	143.40	34.034 D	-0.612 C	27.383	1447.5
144.4	144.40	34.045 D	-0.604 C	27.391	1447.5
145.4	145.40	34.054 D	-0.596 C	27.399	1447.6
146.4	146.40	34.063 D	-0.591 C	27.406	1447.7

EXPERIMENT 728

TEMPERATURE, C

△ -2.00 -1.50 -1.00 -0.50 0.00 0.50 1.00

SALINITY ‰

□ 12.00 16.00 20.00 24.00 28.00 32.00 36.00

SIGMAT

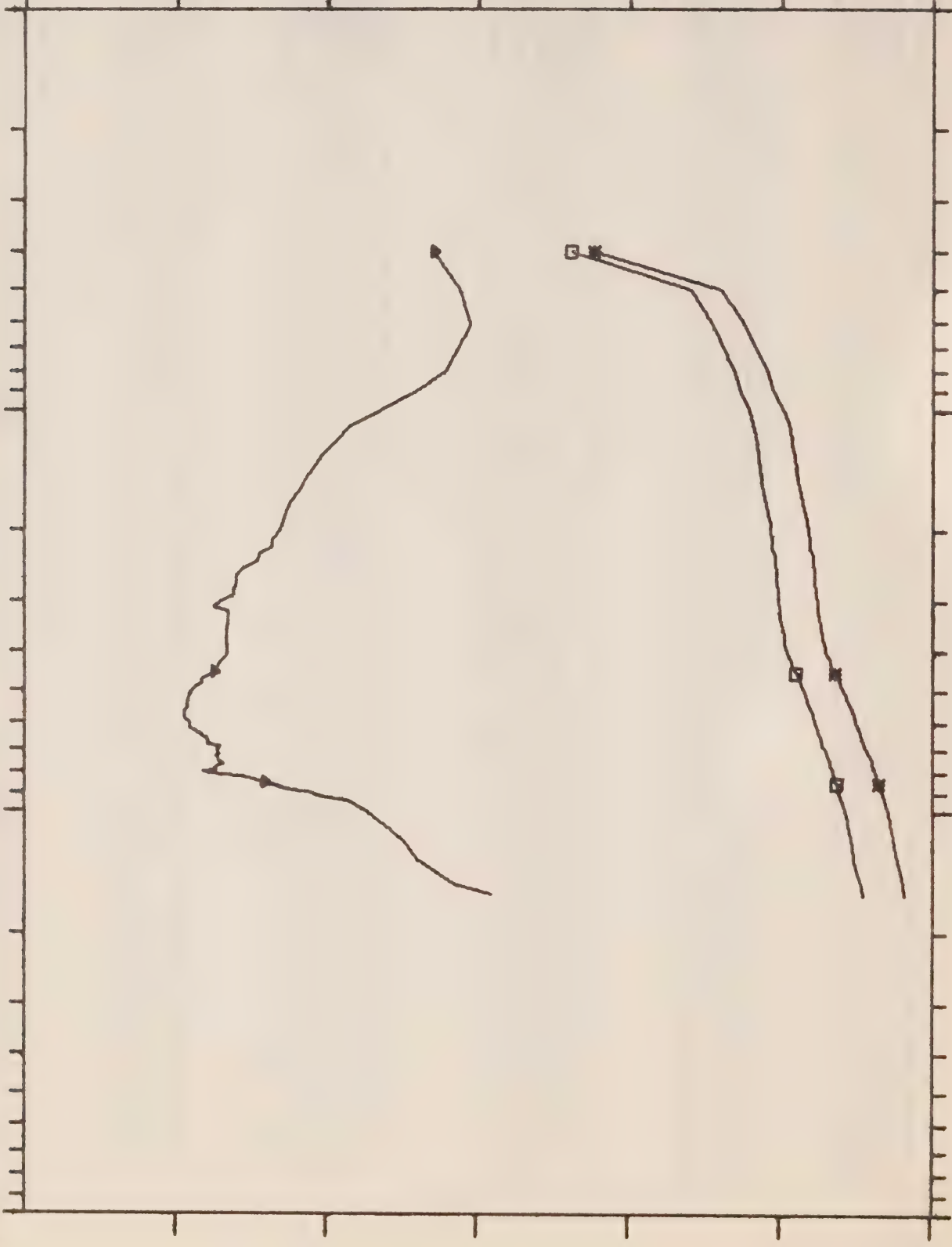
* 10.00 13.00 16.00 19.00 22.00 25.00 28.00

DEPTH M

10

100

1000



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 728

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

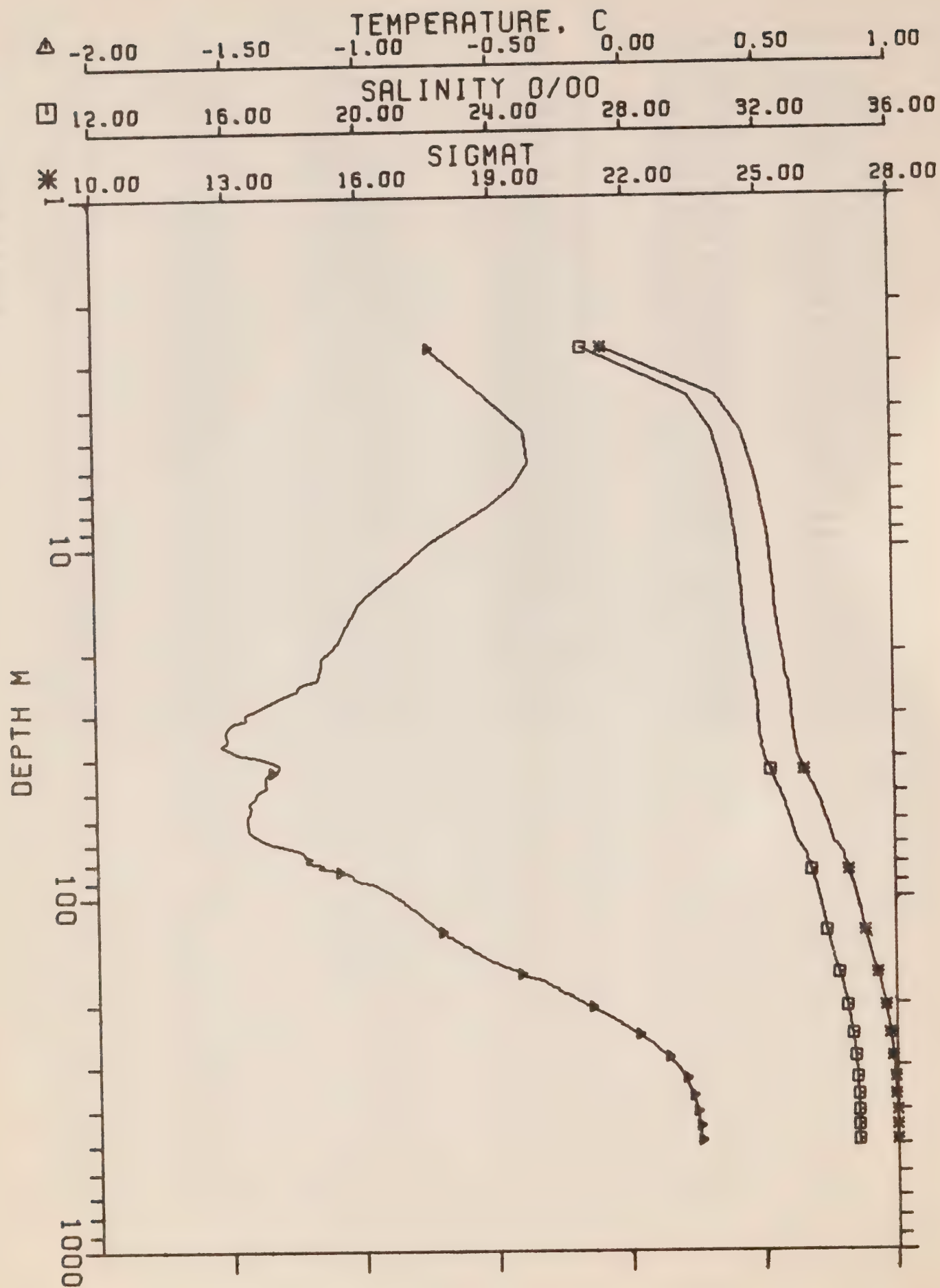
DATE 090473

LOCAL TIME 1100

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
4.0	4.00	26.488 E	-0.644 D	21.296	1434.6
5.0	5.00	29.594 E	-0.556 D	23.798	1439.3
6.0	6.00	30.174 E	-0.518 D	24.265	1440.3
8.0	8.00	30.762 E	-0.608 D	24.741	1440.7
9.0	9.00	30.906 E	-0.704 D	24.860	1440.5
10.0	10.00	31.144 E	-0.823 D	25.056	1440.3
11.0	11.00	31.275 E	-0.931 D	25.165	1440.0
12.0	12.00	31.346 E	-0.977 D	25.223	1439.9
13.0	13.00	31.404 E	-1.018 D	25.272	1439.8
14.0	14.00	31.441 E	-1.051 D	25.303	1439.7
15.0	15.00	31.491 E	-1.082 D	25.344	1439.6
16.0	16.00	31.531 E	-1.097 D	25.377	1439.6
17.0	17.00	31.590 E	-1.123 D	25.425	1439.6
18.0	18.00	31.645 E	-1.140 D	25.469	1439.6
19.0	19.00	31.701 E	-1.150 D	25.515	1439.7
20.0	20.00	31.722 E	-1.162 D	25.532	1439.6
21.0	21.00	31.753 E	-1.186 D	25.558	1439.6
22.0	22.00	31.770 E	-1.187 D	25.572	1439.6
23.0	23.00	31.823 E	-1.232 D	25.616	1439.5
24.0	24.00	31.831 E	-1.235 D	25.622	1439.5
25.0	25.00	31.876 E	-1.286 D	25.660	1439.4
26.0	26.00	31.870 E	-1.306 D	25.656	1439.3
27.0	27.00	31.890 E	-1.304 D	25.672	1439.3
28.0	28.00	31.904 E	-1.317 D	25.684	1439.3
29.0	29.00	31.900 E	-1.308 D	25.680	1439.4
30.0	30.00	31.933 E	-1.354 D	25.708	1439.2
31.0	31.00	31.963 E	-1.380 D	25.733	1439.1
32.0	32.00	31.965 E	-1.326 D	25.733	1439.4
33.0	33.00	31.975 E	-1.330 D	25.741	1439.4
34.0	34.00	32.010 E	-1.331 D	25.769	1439.5
35.0	35.00	32.024 E	-1.334 D	25.781	1439.5
36.0	36.00	32.063 E	-1.335 D	25.812	1439.6
37.0	37.00	32.074 E	-1.334 D	25.822	1439.6
38.0	38.00	32.098 E	-1.334 D	25.841	1439.7
39.0	39.00	32.122 E	-1.331 D	25.861	1439.7
40.0	40.00	32.141 E	-1.328 D	25.876	1439.8
41.0	41.00	32.204 E	-1.335 D	25.927	1439.9
42.0	42.00	32.271 E	-1.348 D	25.982	1439.9
43.0	43.00	32.298 E	-1.363 D	26.004	1439.9
44.0	44.00	32.340 F	-1.368 D	26.038	1439.9
45.0	45.00	32.390 E	-1.376 D	26.078	1440.0
46.0	46.00	32.433 E	-1.391 D	26.114	1440.0
47.0	47.00	32.476 E	-1.421 D	26.149	1439.9
48.0	48.00	32.500 E	-1.417 D	26.169	1440.0
49.0	49.00	32.547 E	-1.442 D	26.207	1440.0
50.0	50.00	32.583 E	-1.449 D	26.237	1440.0
51.0	51.00	32.641 E	-1.455 D	26.284	1440.1
52.0	52.00	32.666 E	-1.466 D	26.304	1440.1
53.0	53.00	32.696 E	-1.464 D	26.328	1440.1
54.0	54.00	32.722 E	-1.471 D	26.350	1440.1
55.0	55.00	32.756 E	-1.458 D	26.377	1440.3
56.0	56.00	32.803 E	-1.475 D	26.415	1440.3
57.0	57.00	32.834 E	-1.475 D	26.441	1440.3
58.0	58.00	32.837 E	-1.475 D	26.443	1440.4
59.0	59.00	32.879 E	-1.469 D	26.477	1440.5
60.0	60.00	32.881 E	-1.454 D	26.478	1440.6
61.0	61.00	32.911 E	-1.457 D	26.503	1440.6
62.0	62.00	32.963 E	-1.456 D	26.544	1440.7
63.0	63.00	32.968 E	-1.435 D	26.548	1440.8
64.0	64.00	32.980 E	-1.415 D	26.557	1440.9
65.0	65.00	33.022 E	-1.414 D	26.591	1441.0
66.0	66.00	33.038 E	-1.397 D	26.603	1441.1
67.0	67.00	33.072 E	-1.393 D	26.631	1441.2

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
68.0	68.00	33.093 E	-1.395 D	26.648	1441.3
69.0	69.00	33.106 E	-1.351 D	26.658	1441.5
70.0	70.00	33.165 E	-1.364 D	26.706	1441.5
71.0	71.00	33.185 E	-1.360 D	26.722	1441.6
72.0	72.00	33.206 E	-1.353 D	26.739	1441.7
73.0	73.00	33.228 E	-1.372 D	26.757	1441.6
74.0	74.00	33.265 E	-1.358 D	26.787	1441.8
75.0	75.00	33.302 E	-1.362 D	26.816	1441.8
76.0	76.00	33.293 E	-1.338 D	26.808	1441.9
77.0	77.00	33.321 E	-1.367 D	26.832	1441.9
78.0	78.00	33.348 E	-1.373 D	26.854	1441.9
79.0	79.00	33.365 E	-1.364 D	26.867	1442.0
80.0	80.00	33.374 E	-1.416 D	26.877	1441.8
81.0	81.00	33.396 E	-1.344 D	26.892	1442.1
82.0	82.00	33.411 E	-1.285 D	26.902	1442.5
83.0	83.00	33.417 E	-1.239 D	26.906	1442.7
84.0	84.00	33.446 E	-1.227 D	26.929	1442.8
85.0	85.00	33.477 E	-1.207 D	26.953	1443.0
86.0	86.00	33.495 E	-1.165 D	26.967	1443.2
87.0	87.00	33.501 E	-1.154 D	26.972	1443.3
88.0	88.00	33.495 E	-1.111 D	26.965	1443.5
89.0	89.00	33.537 E	-1.080 D	26.999	1443.7
90.0	90.00	33.536 E	-1.040 D	26.996	1443.9
91.0	91.00	33.557 E	-1.041 D	27.013	1444.0
92.0	92.00	33.575 E	-0.999 D	27.026	1444.2
93.0	93.00	33.590 E	-0.958 D	27.037	1444.4
94.0	94.00	33.615 E	-0.932 D	27.057	1444.6
95.0	95.00	33.628 E	-0.921 D	27.067	1444.7
96.0	95.00	33.640 E	-0.902 D	27.076	1444.8
97.0	97.00	33.660 E	-0.894 D	27.092	1444.9
98.0	98.00	33.667 E	-0.884 D	27.097	1445.0
99.0	99.00	33.698 E	-0.875 D	27.121	1445.1
100.0	100.00	33.691 E	-0.860 D	27.115	1445.1
101.0	101.00	33.710 E	-0.861 D	27.131	1445.2
111.0	111.00	33.799 D	-0.783 C	27.200	1445.8
121.0	121.00	33.870 D	-0.729 C	27.255	1446.3
131.0	131.00	33.939 D	-0.694 C	27.310	1446.8
141.0	141.00	34.005 D	-0.634 C	27.360	1447.3
151.0	151.00	34.102 D	-0.576 C	27.437	1447.9
161.0	161.00	34.144 D	-0.450 C	27.465	1448.7

EXPERIMENT 748



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 748

LAT. N80 34.0

LONG. W80 28.0

WATER DEPTH 601

DEPTH INCR. 1.00

DATE 150473

LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.7	2.72	26.726 E	-0.733 D	21.489	1434.4
3.7	3.76	29.892 E	-0.518 D	24.037	1439.9
4.7	4.77	30.598 E	-0.377 D	24.602	1441.5
5.7	5.77	30.878 E	-0.360 D	24.827	1442.0
6.7	6.78	31.049 E	-0.420 D	24.967	1442.0
7.7	7.88	31.161 E	-0.516 D	25.061	1441.7
8.7	8.92	31.258 E	-0.634 D	25.142	1441.3
9.7	9.92	31.334 E	-0.734 D	25.207	1440.9
10.7	10.89	31.380 E	-0.799 D	25.246	1440.7
11.7	11.90	31.411 E	-0.862 D	25.273	1440.5
12.7	12.97	31.438 E	-0.919 D	25.296	1440.3
13.7	13.93	31.461 E	-0.974 D	25.317	1440.1
14.7	14.99	31.484 E	-1.017 D	25.336	1439.9
15.7	16.04	31.504 E	-1.037 D	25.353	1439.9
16.7	17.06	31.538 E	-1.057 D	25.381	1439.8
17.7	18.08	31.571 E	-1.073 D	25.408	1439.8
18.7	19.05	31.608 E	-1.091 D	25.438	1439.8
19.7	20.06	31.651 E	-1.115 D	25.474	1439.8
20.7	21.10	31.688 E	-1.150 D	25.505	1439.7
21.7	22.15	31.714 E	-1.152 D	25.526	1439.7
22.7	23.08	31.743 E	-1.162 D	25.549	1439.7
23.7	24.19	31.769 E	-1.165 D	25.571	1439.8
24.7	25.12	31.822 E	-1.231 D	25.615	1439.5
25.7	26.21	31.833 E	-1.249 D	25.625	1439.5
26.7	27.18	31.870 E	-1.306 D	25.656	1439.3
28.7	29.20	31.914 E	-1.391 D	25.693	1439.0
29.7	30.27	31.911 E	-1.440 D	25.692	1438.8
30.7	31.21	31.916 E	-1.435 D	25.696	1438.8
31.7	32.31	31.939 E	-1.489 D	25.715	1438.6
32.7	33.29	31.944 E	-1.508 D	25.720	1438.5
33.7	34.28	31.958 E	-1.516 D	25.732	1438.5
34.7	35.33	31.966 E	-1.504 D	25.738	1438.6
35.7	36.39	31.998 E	-1.512 D	25.764	1438.6
36.7	37.39	32.022 E	-1.528 D	25.784	1438.6
37.7	38.38	32.019 E	-1.495 D	25.781	1438.8
38.7	39.39	32.067 E	-1.468 D	25.819	1439.0
39.7	40.39	32.060 E	-1.387 D	25.812	1439.4
40.7	41.42	32.122 E	-1.340 D	25.861	1439.7
41.7	42.47	32.159 E	-1.310 D	25.890	1439.9
42.7	43.51	32.220 E	-1.313 D	25.940	1440.0
43.7	44.52	32.260 E	-1.339 D	25.972	1440.0
44.7	45.53	32.319 E	-1.367 D	26.021	1439.9
45.7	46.48	32.358 E	-1.367 D	26.052	1440.0
46.7	47.55	32.397 E	-1.367 D	26.084	1440.1
47.7	48.57	32.449 E	-1.362 D	26.126	1440.2
48.7	49.54	32.495 E	-1.373 D	26.164	1440.2
49.7	50.62	32.542 E	-1.394 D	26.202	1440.2
50.7	51.65	32.572 E	-1.407 D	26.227	1440.2
51.7	52.61	32.605 E	-1.409 D	26.253	1440.3
52.7	53.63	32.642 E	-1.419 D	26.284	1440.3
53.7	54.70	32.680 E	-1.429 D	26.315	1440.3
54.7	55.71	32.708 E	-1.421 D	26.337	1440.4
55.7	56.71	32.732 E	-1.427 D	26.357	1440.4
56.7	57.70	32.753 E	-1.426 D	26.374	1440.5
57.7	58.72	32.785 E	-1.433 D	26.400	1440.5
58.7	59.77	32.816 E	-1.436 D	26.425	1440.5
59.7	60.78	32.845 E	-1.436 D	26.449	1440.6
60.7	61.80	32.869 E	-1.433 D	26.467	1440.7
61.7	62.80	32.892 E	-1.429 D	26.486	1440.7
62.7	63.90	32.915 E	-1.431 D	26.505	1440.8
63.7	64.90	32.932 E	-1.428 D	26.519	1440.8
64.7	65.95	32.949 E	-1.419 D	26.532	1440.9
65.7	66.90	32.972 E	-1.408 D	26.550	1441.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
66.7	67.95	32.991 E	-1.396 D	26.566	1441.1
67.7	69.00	33.006 E	-1.384 D	26.577	1441.2
68.7	69.95	33.036 E	-1.359 D	26.601	1441.4
69.7	71.00	33.079 E	-1.336 D	26.635	1441.6
70.7	72.05	33.125 E	-1.306 D	26.671	1441.8
71.7	73.05	33.169 E	-1.276 D	26.706	1442.0
72.7	74.05	33.215 E	-1.248 D	26.743	1442.2
73.7	75.05	33.259 E	-1.223 D	26.778	1442.4
74.7	76.05	33.308 E	-1.217 D	26.817	1442.5
75.7	77.05	33.321 E	-1.218 D	26.828	1442.6
76.7	78.10	33.344 E	-1.192 D	26.846	1442.7
77.7	79.15	33.378 E	-1.217 D	26.874	1442.7
78.7	80.10	33.379 E	-1.211 D	26.875	1442.7
79.7	81.25	33.391 E	-1.163 D	26.883	1443.0
80.7	82.20	33.427 E	-1.149 D	26.912	1443.1
81.7	83.20	33.447 E	-1.166 D	26.928	1443.1
82.7	84.20	33.444 E	-1.114 D	26.924	1443.3
83.7	85.15	33.470 E	-1.091 D	26.945	1443.5
84.7	86.20	33.484 E	-1.069 D	26.955	1443.6
85.7	87.25	33.503 E	-1.046 D	26.970	1443.8
86.7	88.25	33.525 E	-1.034 D	26.987	1443.9
87.7	89.30	33.545 E	-1.041 D	27.004	1443.9
88.7	90.35	33.562 E	-1.031 D	27.017	1444.0
89.7	91.35	33.572 E	-1.002 D	27.024	1444.2
90.7	92.35	33.587 E	-0.967 D	27.035	1444.4
91.7	93.35	33.606 E	-0.948 D	27.050	1444.5
92.7	94.40	33.622 E	-0.942 D	27.062	1444.6
93.7	95.45	33.635 E	-0.930 D	27.072	1444.6
94.7	96.45	33.645 E	-0.922 D	27.080	1444.7
95.7	97.45	33.656 E	-0.910 D	27.089	1444.8
96.7	98.40	33.671 E	-0.894 D	27.101	1444.9
97.7	99.45	33.686 E	-0.886 D	27.112	1445.0
98.7	100.55	33.694 E	-0.880 D	27.118	1445.1
99.7	101.55	33.704 E	-0.871 D	27.126	1445.1
101.7	103.55	33.716 E	-0.856 D	27.136	1445.2
102.7	104.55	33.731 E	-0.847 D	27.147	1445.3
103.7	105.65	33.740 E	-0.841 D	27.155	1445.4
104.7	106.65	33.755 E	-0.831 D	27.166	1445.5
105.7	107.60	33.766 D	-0.827 C	27.174	1445.5
106.7	108.70	33.776 D	-0.818 C	27.182	1445.6
107.7	109.70	33.785 D	-0.808 C	27.190	1445.7
108.7	110.70	33.797 D	-0.802 C	27.199	1445.7
109.7	111.70	33.807 D	-0.796 C	27.207	1445.8
110.7	112.80	33.814 D	-0.791 C	27.213	1445.8
111.7	113.75	33.823 D	-0.785 C	27.219	1445.9
112.7	114.80	33.835 D	-0.779 C	27.229	1446.0
113.7	115.80	33.839 D	-0.772 C	27.232	1446.0
114.7	116.75	33.847 D	-0.768 C	27.238	1446.1
115.7	117.85	33.853 D	-0.762 C	27.243	1446.1
116.7	118.90	33.861 D	-0.756 C	27.249	1446.2
117.7	119.90	33.867 D	-0.749 C	27.254	1446.2
118.7	120.85	33.880 D	-0.739 C	27.264	1446.3
119.7	121.85	33.891 D	-0.734 C	27.273	1446.4
120.7	122.90	33.895 D	-0.731 C	27.275	1446.4
121.7	123.90	33.902 D	-0.724 C	27.281	1446.4
122.7	124.95	33.909 D	-0.719 C	27.287	1446.5
123.7	126.00	33.921 D	-0.710 C	27.296	1446.6
124.7	127.05	33.927 D	-0.707 C	27.300	1446.6
125.7	128.05	33.936 D	-0.697 C	27.308	1446.7
126.7	129.05	33.947 D	-0.690 C	27.316	1446.8
127.7	130.00	33.953 D	-0.684 C	27.321	1446.8
128.7	131.10	33.962 D	-0.678 C	27.327	1446.9
129.7	132.15	33.968 D	-0.672 C	27.332	1446.9
130.7	133.10	33.980 D	-0.662 C	27.342	1447.0
131.7	134.15	33.990 D	-0.658 C	27.349	1447.1
132.7	135.20	33.995 D	-0.651 C	27.353	1447.1
133.7	136.15	34.006 D	-0.641 C	27.362	1447.2
134.7	137.15	34.015 D	-0.633 C	27.369	1447.2
135.7	138.15	34.023 D	-0.627 C	27.375	1447.3
136.7	139.10	34.031 D	-0.624 C	27.381	1447.3

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
137.7	140.10	34.037 D	-0.615 C	27.386	1447.4
138.7	141.05	34.051 D	-0.605 C	27.396	1447.5
139.7	142.15	34.060 D	-0.597 C	27.403	1447.6
140.7	143.00	34.069 D	-0.591 C	27.410	1447.6
141.7	144.00	34.075 D	-0.588 C	27.415	1447.7
142.7	145.15	34.079 D	-0.583 C	27.418	1447.7
143.7	146.05	34.089 D	-0.572 C	27.426	1447.8
144.7	147.10	34.101 D	-0.564 C	27.435	1447.9
145.7	148.20	34.111 D	-0.558 C	27.443	1447.9
146.7	149.25	34.118 D	-0.552 C	27.448	1448.0
147.7	150.25	34.126 D	-0.545 C	27.455	1448.0
148.7	151.20	34.132 D	-0.541 C	27.459	1448.1
149.7	152.15	34.137 D	-0.534 C	27.463	1448.1
150.7	153.15	34.147 D	-0.526 C	27.471	1448.2
151.7	154.25	34.155 D	-0.517 C	27.477	1448.3
152.7	155.35	34.164 D	-0.506 C	27.484	1448.3
153.7	156.40	34.180 D	-0.497 C	27.496	1448.4
154.7	157.30	34.186 D	-0.490 C	27.501	1448.5
155.7	158.20	34.199 D	-0.482 C	27.511	1448.6
156.7	159.45	34.206 D	-0.474 C	27.516	1448.6
157.7	160.40	34.217 D	-0.462 C	27.524	1448.7
158.7	161.35	34.231 D	-0.449 C	27.536	1448.8
159.7	162.35	34.241 D	-0.441 C	27.543	1448.9
160.7	163.40	34.250 D	-0.431 C	27.550	1448.9
161.7	164.55	34.261 D	-0.420 C	27.559	1449.0
162.7	165.55	34.271 D	-0.415 C	27.566	1449.1
163.7	166.55	34.275 D	-0.413 C	27.569	1449.1
164.7	167.50	34.277 D	-0.410 C	27.571	1449.1
165.7	168.45	34.283 D	-0.405 C	27.576	1449.2
166.7	169.60	34.287 D	-0.397 C	27.579	1449.3
167.7	170.55	34.294 D	-0.389 C	27.583	1449.3
168.7	171.40	34.309 D	-0.366 C	27.595	1449.5
169.7	172.60	34.327 D	-0.355 C	27.608	1449.6
170.7	173.50	34.335 D	-0.345 C	27.615	1449.6
171.7	174.65	34.349 D	-0.330 C	27.626	1449.7
172.7	175.50	34.363 D	-0.319 C	27.636	1449.8
173.7	176.60	34.368 D	-0.316 C	27.640	1449.9
174.7	177.55	34.374 D	-0.310 C	27.645	1449.9
175.7	178.50	34.376 D	-0.307 C	27.646	1449.9
176.7	179.55	34.379 D	-0.303 C	27.649	1450.0
177.7	180.60	34.387 D	-0.293 C	27.655	1450.1
178.7	181.75	34.393 D	-0.289 C	27.659	1450.1
179.7	182.80	34.396 D	-0.284 C	27.662	1450.1
180.7	183.60	34.402 D	-0.277 C	27.665	1450.2
181.7	184.70	34.407 D	-0.272 C	27.670	1450.2
182.7	185.85	34.414 D	-0.268 C	27.675	1450.3
183.7	186.90	34.417 D	-0.264 C	27.677	1450.3
184.7	187.85	34.419 D	-0.260 C	27.679	1450.4
185.7	188.95	34.424 D	-0.256 C	27.683	1450.4
186.7	189.80	34.430 D	-0.248 C	27.687	1450.5
187.7	190.75	34.435 D	-0.239 C	27.690	1450.5
188.7	191.40	34.447 D	-0.226 C	27.700	1450.6
189.7	192.55	34.454 D	-0.222 C	27.705	1450.7
190.7	193.00	34.458 D	-0.217 C	27.708	1450.7
191.7	194.45	34.463 D	-0.213 C	27.712	1450.8
192.7	195.25	34.466 D	-0.209 C	27.714	1450.8
193.7	196.45	34.471 D	-0.206 C	27.718	1450.8
194.7	197.70	34.474 D	-0.201 C	27.720	1450.9
195.7	197.95	34.477 D	-0.199 C	27.723	1450.9
196.7	199.25	34.481 D	-0.192 C	27.725	1451.0
197.7	200.70	34.487 D	-0.183 C	27.730	1451.0
198.7	201.65	34.492 D	-0.178 C	27.734	1451.1
199.7	202.70	34.497 D	-0.174 C	27.738	1451.1
200.7	203.25	34.499 D	-0.170 C	27.739	1451.1
201.7	204.50	34.504 D	-0.166 C	27.743	1451.2
202.7	205.35	34.506 D	-0.162 C	27.744	1451.2
203.7	207.20	34.514 D	-0.149 C	27.750	1451.3
204.7	207.95	34.518 D	-0.147 C	27.754	1451.4
205.7	208.95	34.520 D	-0.143 C	27.755	1451.4
206.7	209.95	34.526 D	-0.136 C	27.759	1451.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
207.7	211.00	34.531 D	-0.132 C	27.763	1451.5
208.7	212.05	34.537 D	-0.127 C	27.767	1451.5
209.7	213.05	34.539 D	-0.121 C	27.769	1451.6
210.7	214.15	34.547 D	-0.114 C	27.775	1451.6
211.7	215.40	34.550 D	-0.109 C	27.777	1451.7
212.7	216.40	34.553 D	-0.104 C	27.780	1451.7
213.7	217.15	34.557 D	-0.099 C	27.782	1451.9
214.7	218.15	34.561 D	-0.093 C	27.785	1451.8
215.7	219.30	34.566 D	-0.088 C	27.789	1451.9
216.7	220.50	34.571 D	-0.084 C	27.793	1451.9
217.7	221.30	34.575 D	-0.078 C	27.796	1452.0
218.7	222.50	34.578 D	-0.074 C	27.798	1452.0
219.7	223.20	34.582 D	-0.070 C	27.801	1452.1
220.7	224.15	34.585 D	-0.064 C	27.804	1452.1
221.7	225.30	34.592 D	-0.059 C	27.809	1452.1
222.7	226.30	34.595 D	-0.055 C	27.811	1452.2
223.7	227.35	34.598 D	-0.052 C	27.813	1452.2
224.7	228.30	34.601 D	-0.046 C	27.815	1452.3
225.7	229.25	34.605 D	-0.041 C	27.818	1452.3
226.7	230.50	34.606 D	-0.037 C	27.819	1452.4
227.7	231.55	34.610 D	-0.034 C	27.822	1452.4
228.7	232.35	34.614 D	-0.030 C	27.825	1452.4
229.7	233.60	34.616 D	-0.028 C	27.826	1452.5
230.7	234.55	34.618 D	-0.023 C	27.828	1452.5
231.7	235.35	34.622 D	-0.020 C	27.831	1452.5
232.7	236.50	34.624 D	-0.017 C	27.832	1452.6
233.7	237.60	34.627 D	-0.012 C	27.834	1452.6
234.7	238.50	34.631 D	-0.008 C	27.838	1452.7
235.7	239.45	34.635 D	-0.005 C	27.841	1452.7
236.7	240.45	34.637 D	0.001 C	27.842	1452.7
237.7	241.55	34.641 D	0.003 C	27.845	1452.8
238.7	242.40	34.644 D	0.007 C	27.847	1452.8
239.7	243.75	34.646 D	0.011 C	27.848	1452.8
240.7	244.60	34.651 D	0.016 C	27.852	1452.9
241.7	245.45	34.652 D	0.021 C	27.853	1452.9
242.7	246.75	34.655 D	0.024 C	27.855	1453.0
243.7	247.85	34.658 D	0.027 C	27.857	1453.0
244.7	248.50	34.661 D	0.031 C	27.860	1453.0
245.7	249.90	34.663 D	0.034 C	27.861	1453.1
246.7	250.55	34.666 D	0.037 C	27.864	1453.1
247.7	251.90	34.669 D	0.040 C	27.866	1453.1
248.7	252.95	34.671 D	0.043 C	27.867	1453.2
249.7	253.70	34.675 D	0.046 C	27.870	1453.2
250.7	255.05	34.675 D	0.048 C	27.870	1453.2
251.7	256.00	34.678 D	0.051 C	27.872	1453.3
252.7	256.75	34.682 D	0.055 C	27.875	1453.3
253.7	257.95	34.685 D	0.059 C	27.877	1453.4
254.7	258.95	34.688 D	0.065 C	27.880	1453.4
255.7	260.00	34.691 D	0.068 C	27.882	1453.4
256.7	260.85	34.693 D	0.071 C	27.884	1453.5
257.7	261.80	34.696 D	0.073 C	27.886	1453.5
258.7	262.95	34.697 D	0.077 C	27.886	1453.5
259.7	264.15	34.700 D	0.081 C	27.889	1453.6
260.7	264.75	34.705 D	0.082 C	27.892	1453.6
261.7	266.00	34.704 D	0.085 C	27.892	1453.6
262.7	267.15	34.706 D	0.086 C	27.893	1453.7
263.7	268.00	34.708 D	0.089 C	27.895	1453.7
264.7	269.05	34.710 D	0.091 C	27.896	1453.7
265.7	269.85	34.713 D	0.095 C	27.898	1453.8
266.7	271.00	34.715 D	0.098 C	27.900	1453.8
267.7	272.30	34.715 D	0.101 C	27.900	1453.8
268.7	273.35	34.717 D	0.102 C	27.901	1453.8
269.7	274.30	34.719 D	0.104 C	27.902	1453.9
270.7	275.10	34.721 D	0.106 C	27.904	1453.9
271.7	276.15	34.722 D	0.108 C	27.905	1453.9
272.7	277.00	34.725 D	0.111 C	27.907	1454.0
273.7	278.20	34.726 D	0.113 C	27.908	1454.0
274.7	279.35	34.727 D	0.115 C	27.909	1454.0
275.7	280.55	34.729 D	0.118 C	27.910	1454.1
276.7	281.30	34.734 D	0.120 C	27.914	1454.1

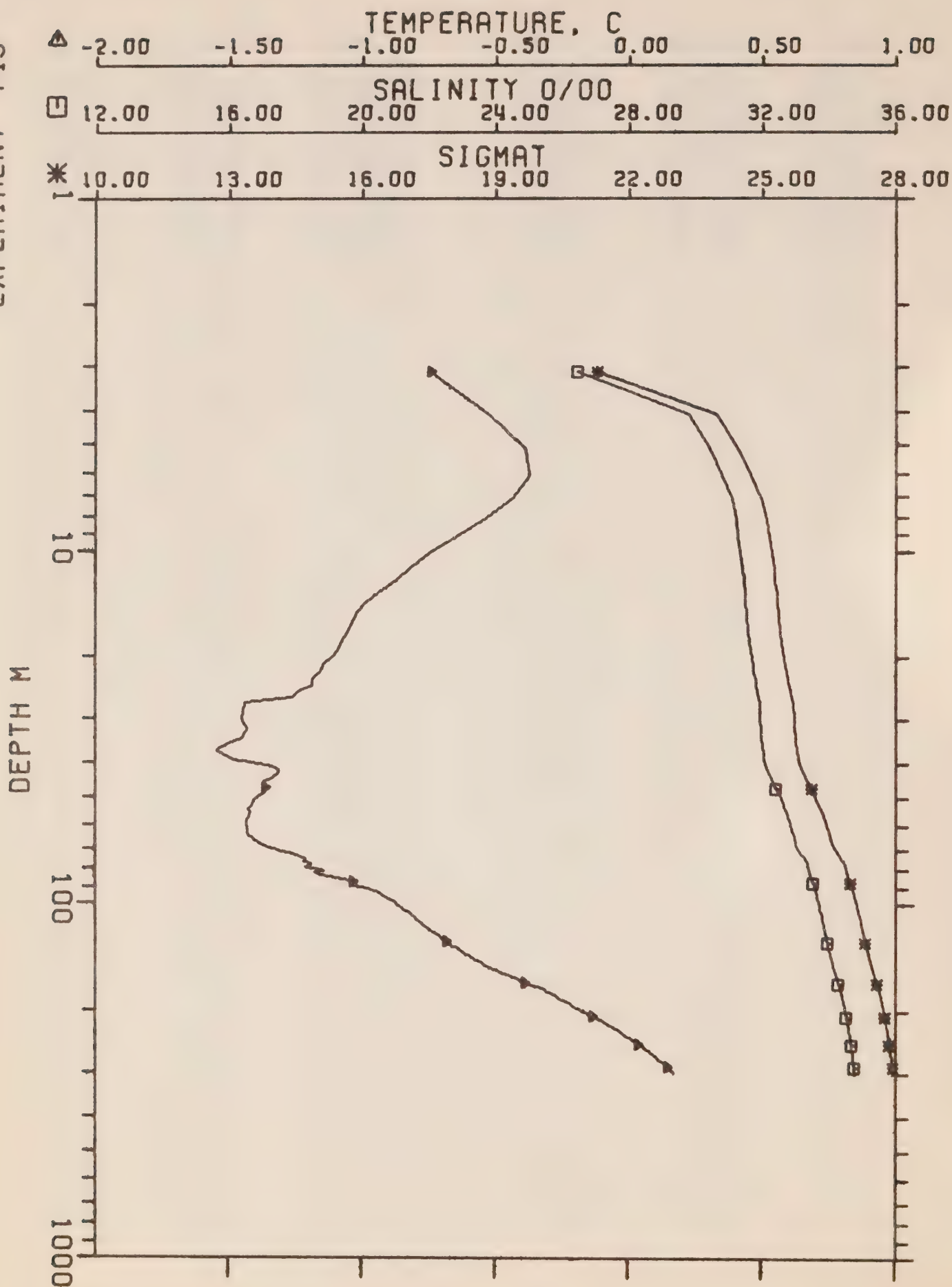
DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
277.7	282.10	34.736 D	0.124 C	27.915	1454.1
278.7	283.50	34.736 D	0.126 C	27.915	1454.1
279.7	284.10	34.740 D	0.128 C	27.919	1454.2
280.7	285.55	34.740 D	0.130 C	27.918	1454.2
281.7	286.55	34.742 D	0.133 C	27.919	1454.2
282.7	287.15	34.744 D	0.135 C	27.922	1454.3
283.7	288.20	34.746 D	0.137 C	27.923	1454.3
284.7	289.10	34.748 D	0.139 C	27.924	1454.3
285.7	290.20	34.749 D	0.140 C	27.925	1454.3
286.7	291.55	34.750 D	0.142 C	27.925	1454.4
287.7	292.65	34.751 D	0.144 C	27.926	1454.4
288.7	293.70	34.752 D	0.146 C	27.927	1454.4
289.7	294.25	34.756 D	0.148 C	27.930	1454.5
290.7	295.70	34.756 D	0.151 C	27.930	1454.5
291.7	296.30	34.759 D	0.154 C	27.932	1454.5
292.7	297.65	34.761 D	0.155 C	27.933	1454.5
293.7	298.75	34.761 D	0.157 C	27.933	1454.6
294.7	299.25	34.764 D	0.160 C	27.936	1454.6
295.7	300.35	34.767 D	0.163 C	27.938	1454.6
296.7	301.30	34.768 D	0.164 C	27.939	1454.7
297.7	302.55	34.770 D	0.167 C	27.940	1454.7
298.7	303.70	34.770 D	0.169 C	27.940	1454.7
299.7	304.90	34.771 D	0.171 C	27.941	1454.8
300.7	305.90	34.772 D	0.172 C	27.942	1454.8
301.7	306.85	34.774 D	0.174 C	27.943	1454.8
302.7	307.45	34.777 D	0.176 C	27.946	1454.8
303.7	308.75	34.779 D	0.178 C	27.947	1454.9
304.7	309.45	34.781 D	0.179 C	27.948	1454.9
305.7	310.60	34.781 D	0.180 C	27.949	1454.9
306.7	311.95	34.781 D	0.181 C	27.948	1454.9
307.7	312.65	34.782 D	0.182 C	27.949	1454.9
308.7	313.65	34.785 D	0.184 C	27.951	1455.0
309.7	315.05	34.784 D	0.186 C	27.951	1455.0
310.7	315.60	34.786 D	0.187 C	27.952	1455.0
311.7	316.65	34.788 D	0.188 C	27.954	1455.0
312.7	318.00	34.788 D	0.189 C	27.953	1455.1
313.7	319.10	34.788 D	0.191 C	27.954	1455.1
314.7	320.15	34.789 D	0.192 C	27.954	1455.1
315.7	320.85	34.791 D	0.193 C	27.956	1455.1
316.7	321.60	34.792 D	0.194 C	27.957	1455.2
317.7	322.65	34.794 D	0.195 C	27.958	1455.2
318.7	323.70	34.795 D	0.197 C	27.959	1455.2
319.7	324.65	34.796 D	0.197 C	27.960	1455.2
320.7	325.65	34.797 D	0.199 C	27.960	1455.3
321.7	326.75	34.798 D	0.200 C	27.961	1455.3
322.7	328.25	34.797 D	0.200 C	27.960	1455.3
323.7	328.75	34.799 D	0.202 C	27.962	1455.3
324.7	329.75	34.801 D	0.203 C	27.964	1455.3
325.7	331.15	34.800 D	0.203 C	27.963	1455.4
326.7	332.30	34.799 D	0.204 C	27.962	1455.4
327.7	333.30	34.800 D	0.205 C	27.962	1455.4
328.7	334.25	34.800 D	0.206 C	27.963	1455.4
329.7	335.05	34.804 D	0.207 C	27.966	1455.5
330.7	335.90	34.805 D	0.207 C	27.966	1455.5
331.7	337.30	34.803 D	0.208 C	27.965	1455.5
332.7	338.35	34.805 D	0.208 C	27.966	1455.5
333.7	338.95	34.807 D	0.208 C	27.968	1455.5
334.7	340.25	34.804 D	0.209 C	27.966	1455.6
335.7	341.50	34.804 D	0.209 C	27.966	1455.6
336.7	342.50	34.805 D	0.209 C	27.966	1455.6
337.7	343.50	34.805 D	0.211 C	27.967	1455.6
338.7	344.60	34.806 D	0.212 C	27.967	1455.6
339.7	345.40	34.810 D	0.213 C	27.970	1455.7
340.7	346.05	34.811 D	0.213 C	27.971	1455.7
341.7	347.65	34.809 D	0.215 C	27.969	1455.7
342.7	348.10	34.811 D	0.215 C	27.971	1455.7
343.7	349.25	34.812 D	0.216 C	27.972	1455.7
344.7	350.35	34.813 D	0.217 C	27.972	1455.8
345.7	351.25	34.815 D	0.217 C	27.974	1455.8
346.7	352.15	34.815 D	0.218 C	27.974	1455.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
347.7	353.50	34.814 D	0.219 C	27.973	1455.8
348.7	354.55	34.815 D	0.220 C	27.974	1455.8
349.7	355.20	34.816 D	0.220 C	27.974	1455.9
350.7	356.30	34.817 D	0.221 C	27.976	1455.9
351.7	357.75	34.816 D	0.221 C	27.974	1455.9
352.7	358.40	34.816 D	0.223 C	27.975	1455.9
353.7	359.50	34.820 D	0.224 C	27.978	1456.0
354.7	360.60	34.820 D	0.224 C	27.978	1456.0
355.7	361.75	34.820 D	0.225 C	27.978	1456.0
356.7	362.80	34.822 D	0.225 C	27.979	1456.0
357.7	363.60	34.822 D	0.226 C	27.979	1456.0
358.7	364.30	34.823 D	0.226 C	27.980	1456.1
359.7	365.30	34.823 D	0.227 C	27.980	1456.1
360.7	366.85	34.823 D	0.227 C	27.980	1456.1
361.7	367.45	34.825 D	0.228 C	27.981	1456.1
362.7	368.45	34.825 D	0.229 C	27.981	1456.1
363.7	369.90	34.825 D	0.229 C	27.982	1456.2
364.7	370.45	34.826 D	0.230 C	27.982	1456.2
365.7	371.80	34.826 D	0.231 C	27.982	1456.2
366.7	372.45	34.828 D	0.231 C	27.983	1456.2
367.7	374.00	34.827 D	0.232 C	27.983	1456.2
368.7	374.70	34.829 D	0.232 C	27.985	1456.3
369.7	375.50	34.829 D	0.233 C	27.984	1456.3
370.7	376.55	34.830 D	0.233 C	27.985	1456.3
371.7	378.10	34.830 D	0.233 C	27.985	1456.3
372.7	378.50	34.830 D	0.234 C	27.986	1456.3
373.7	380.15	34.830 D	0.235 C	27.985	1456.4
374.7	380.60	34.831 D	0.235 C	27.986	1456.4
375.7	382.20	34.831 D	0.235 C	27.986	1456.4
376.7	382.55	34.831 D	0.236 C	27.986	1456.4
377.7	384.15	34.832 D	0.236 C	27.986	1456.4
378.7	384.65	34.832 D	0.237 C	27.986	1456.4
379.7	385.65	34.833 D	0.237 C	27.987	1456.5
380.7	387.20	34.833 D	0.237 C	27.988	1456.5
381.7	388.25	34.833 D	0.238 C	27.987	1456.5
382.7	388.60	34.833 D	0.238 C	27.988	1456.5
383.7	389.70	34.834 D	0.238 C	27.988	1456.5
384.7	390.65	34.834 D	0.238 C	27.988	1456.6
385.7	391.65	34.835 D	0.239 C	27.989	1456.6
386.7	392.65	34.835 D	0.240 C	27.989	1456.6
387.7	393.95	34.835 D	0.240 C	27.989	1456.6
388.7	395.30	34.836 D	0.241 C	27.989	1456.6
389.7	395.90	34.836 D	0.241 C	27.990	1456.7
390.7	396.70	34.837 D	0.241 C	27.990	1456.7
391.7	398.40	34.836 D	0.242 C	27.990	1456.7
392.7	398.80	34.837 D	0.242 C	27.990	1456.7
393.7	400.50	34.837 D	0.242 C	27.991	1456.7
394.7	400.85	34.838 D	0.243 C	27.991	1456.7
395.7	402.25	34.839 D	0.242 C	27.992	1456.8
396.7	403.50	34.839 D	0.243 C	27.992	1456.8
397.7	403.95	34.839 D	0.244 C	27.992	1456.8
398.7	404.95	34.840 D	0.244 C	27.993	1456.8
399.7	406.10	34.840 D	0.244 C	27.993	1456.8
400.7	407.30	34.841 D	0.244 C	27.993	1456.9
401.7	408.30	34.841 D	0.245 C	27.994	1456.9
402.7	409.45	34.841 D	0.245 C	27.993	1456.9
403.7	410.40	34.841 D	0.245 C	27.994	1456.9
404.7	411.40	34.842 D	0.246 C	27.994	1456.9
405.7	412.25	34.842 D	0.246 C	27.994	1457.0
406.7	413.05	34.842 D	0.246 C	27.994	1457.0
407.7	414.10	34.843 D	0.247 C	27.995	1457.0
408.7	415.75	34.843 D	0.247 C	27.995	1457.0
409.7	416.70	34.842 D	0.247 C	27.994	1457.0
410.7	417.75	34.844 D	0.247 C	27.996	1457.1
411.7	418.60	34.843 D	0.248 C	27.995	1457.1
412.7	419.05	34.845 D	0.248 C	27.996	1457.1
413.7	420.10	34.845 D	0.248 C	27.997	1457.1
414.7	421.05	34.845 D	0.249 C	27.996	1457.1
415.7	422.60	34.845 D	0.249 C	27.997	1457.1
416.7	423.50	34.846 D	0.249 C	27.997	1457.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
417.7	424.05	34.846 D	0.249 C	27.997	1457.2
418.7	425.55	34.846 D	0.249 C	27.997	1457.2
419.7	426.80	34.846 D	0.250 C	27.997	1457.2
420.7	427.25	34.846 D	0.250 C	27.997	1457.2
421.7	428.15	34.847 D	0.250 C	27.998	1457.2
422.7	429.30	34.847 D	0.250 C	27.998	1457.3
423.7	430.75	34.847 D	0.250 C	27.998	1457.3
424.7	432.05	34.847 D	0.250 C	27.998	1457.3
425.7	432.70	34.847 D	0.251 C	27.998	1457.3
426.7	433.30	34.848 D	0.251 C	27.999	1457.3
427.7	435.05	34.848 D	0.251 C	27.998	1457.4
428.7	436.05	34.848 D	0.251 C	27.999	1457.4
429.7	437.10	34.848 D	0.251 C	27.999	1457.4
430.7	437.75	34.849 D	0.251 C	28.000	1457.4
431.7	438.30	34.849 D	0.252 C	28.000	1457.4
432.7	439.30	34.849 D	0.252 C	27.999	1457.4
433.7	440.95	34.849 D	0.252 C	27.999	1457.5
434.7	442.15	34.849 D	0.253 C	27.999	1457.5
435.7	442.95	34.849 D	0.253 C	28.000	1457.5
436.7	444.20	34.850 D	0.253 C	28.000	1457.5
437.7	445.00	34.849 D	0.253 C	28.000	1457.5
438.7	446.20	34.850 D	0.253 C	28.001	1457.6
439.7	446.65	34.850 D	0.253 C	28.000	1457.6
440.7	448.00	34.851 D	0.253 C	28.001	1457.6
441.7	449.20	34.851 D	0.253 C	28.001	1457.6
442.7	449.75	34.852 D	0.253 C	28.001	1457.6
443.7	451.15	34.851 D	0.254 C	28.001	1457.6
444.7	451.50	34.851 D	0.254 C	28.001	1457.6
445.7	452.85	34.852 D	0.253 C	28.002	1457.7
446.7	454.55	34.851 D	0.254 C	28.001	1457.7
450.7	458.35	34.852 D	0.254 C	28.002	1457.8
451.7	459.35	34.852 D	0.254 C	28.002	1457.8
452.7	460.35	34.853 D	0.254 C	28.003	1457.8
453.7	461.35	34.853 D	0.254 C	28.003	1457.8
454.7	462.40	34.853 D	0.254 C	28.002	1457.8
455.7	463.45	34.853 D	0.255 C	28.003	1457.9
456.7	464.50	34.853 D	0.255 C	28.002	1457.9
457.7	465.50	34.853 D	0.255 C	28.002	1457.9
458.7	466.55	34.853 D	0.255 C	28.002	1457.9
459.7	467.55	34.854 D	0.256 C	28.003	1457.9
460.7	468.60	34.853 D	0.256 C	28.003	1457.9
461.7	469.60	34.853 D	0.256 C	28.003	1458.0
462.7	470.55	34.853 D	0.256 C	28.002	1458.0
463.7	471.60	34.853 D	0.256 C	28.003	1458.0
464.7	472.60	34.854 D	0.256 C	28.003	1458.0
465.7	473.60	34.854 D	0.256 C	28.003	1458.0
466.7	474.70	34.855 D	0.256 C	28.004	1458.0
467.7	475.70	34.856 D	0.256 C	28.005	1458.1
468.7	476.75	34.855 D	0.256 C	28.004	1458.1
469.7	477.75	34.855 D	0.256 C	28.004	1458.1
470.7	478.75	34.855 D	0.256 C	28.004	1458.1
471.7	479.75	34.855 D	0.257 C	28.004	1458.1
472.7	480.80	34.854 D	0.257 C	28.004	1458.1
473.7	481.85	34.856 D	0.257 C	28.004	1458.2
474.7	482.80	34.856 D	0.257 C	28.005	1458.2
475.7	483.75	34.855 D	0.257 C	28.004	1458.2
476.7	484.80	34.854 D	0.258 C	28.003	1458.2
477.7	485.90	34.855 D	0.257 C	28.004	1458.2
478.7	486.90	34.856 D	0.257 C	28.005	1458.3
479.7	487.85	34.855 D	0.257 C	28.004	1458.3
480.7	488.90	34.856 D	0.258 C	28.005	1458.3
481.7	489.85	34.856 D	0.258 C	28.004	1458.3
482.7	490.90	34.857 D	0.257 C	28.006	1458.3
483.7	491.95	34.857 D	0.258 C	28.005	1458.3
484.7	492.95	34.857 D	0.258 C	28.005	1458.4
485.7	494.00	34.857 D	0.258 C	28.005	1458.4
486.7	495.15	34.857 D	0.258 C	28.005	1458.4
487.7	496.10	34.856 D	0.259 C	28.005	1458.4
488.7	497.10	34.858 D	0.258 C	28.006	1458.4
489.7	498.15	34.856 D	0.259 C	28.005	1458.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
490.7	499.10	34.857 D	0.258 C	28.006	1458.5
491.7	500.20	34.858 D	0.258 C	28.006	1458.5
492.7	501.20	34.857 D	0.259 C	28.006	1458.5
493.7	502.25	34.858 D	0.259 C	28.006	1458.5
494.7	503.25	34.857 D	0.259 C	28.005	1458.5
495.7	504.25	34.857 D	0.259 C	28.006	1458.5
496.7	505.30	34.858 D	0.259 C	28.006	1458.6
497.7	506.30	34.858 D	0.259 C	28.006	1458.6
498.7	507.25	34.857 D	0.259 C	28.005	1458.6
499.7	508.30	34.858 D	0.259 C	28.006	1458.6
500.7	509.35	34.857 D	0.260 C	28.006	1458.6

EXPERIMENT 749



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 749

LAT. N80 34.0

LONG. W80 28.0

WATER DEPTH 501

DEPTH INCR. 1.00

DATE 150473

LOCAL TIME 1400

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.1	3.07	26.455 E	-0.745 D	21.271	1434.0
4.1	4.07	29.775 E	-0.527 D	23.943	1439.7
5.1	5.09	30.389 E	-0.383 D	24.434	1441.2
6.1	6.09	30.772 E	-0.372 D	24.742	1441.8
7.1	7.11	31.067 E	-0.438 D	24.982	1441.9
8.1	8.14	31.192 E	-0.539 D	25.087	1441.6
9.1	9.19	31.253 E	-0.652 D	25.139	1441.2
10.1	10.18	31.336 E	-0.750 D	25.210	1440.9
11.1	11.22	31.401 E	-0.817 D	25.264	1440.7
12.1	12.27	31.423 E	-0.877 D	25.283	1440.4
13.1	13.25	31.464 E	-0.939 D	25.318	1440.2
14.1	14.30	31.489 E	-0.990 D	25.339	1440.0
15.1	15.25	31.506 E	-1.026 D	25.355	1439.9
17.1	17.31	31.553 E	-1.062 D	25.393	1439.8
18.1	18.32	31.589 E	-1.078 D	25.423	1439.8
19.1	19.35	31.627 E	-1.095 D	25.454	1439.8
20.1	20.33	31.666 E	-1.120 D	25.486	1439.8
21.1	21.41	31.708 E	-1.151 D	25.521	1439.7
22.1	22.42	31.739 E	-1.162 D	25.546	1439.7
23.1	23.42	31.781 E	-1.188 D	25.581	1439.7
24.1	24.42	31.799 E	-1.190 D	25.595	1439.7
25.1	25.42	31.843 E	-1.242 D	25.633	1439.5
26.1	26.42	31.868 E	-1.267 D	25.653	1439.5
27.1	27.44	31.913 E	-1.445 D	25.694	1438.7
30.1	30.53	31.934 E	-1.457 D	25.711	1438.7
32.1	32.56	31.948 E	-1.429 D	25.721	1438.9
33.1	33.60	31.967 E	-1.447 D	25.738	1438.9
34.1	34.63	31.978 E	-1.457 D	25.747	1438.9
35.1	35.65	31.996 E	-1.494 D	25.762	1438.7
36.1	36.67	32.012 E	-1.529 D	25.776	1438.6
37.1	37.69	32.032 E	-1.550 D	25.792	1438.5
38.1	38.70	32.042 E	-1.517 D	25.799	1438.7
39.1	39.73	32.052 E	-1.484 D	25.807	1438.9
40.1	40.74	32.078 E	-1.414 D	25.827	1439.3
41.1	41.76	32.138 E	-1.336 D	25.873	1439.8
42.1	42.77	32.174 E	-1.309 D	25.902	1440.0
43.1	43.76	32.236 E	-1.318 D	25.953	1440.0
44.1	44.77	32.283 E	-1.341 D	25.991	1440.0
45.1	45.76	32.335 E	-1.370 D	26.034	1439.9
46.1	46.76	32.378 E	-1.369 D	26.068	1440.0
47.1	47.82	32.415 E	-1.364 D	26.098	1440.1
48.1	48.84	32.462 E	-1.363 D	26.137	1440.2
49.1	49.88	32.510 E	-1.374 D	26.175	1440.2
50.1	50.92	32.553 E	-1.395 D	26.211	1440.2
51.1	51.90	32.586 E	-1.409 D	26.238	1440.2
52.1	52.91	32.620 E	-1.413 D	26.266	1440.3
53.1	53.90	32.653 E	-1.422 D	26.292	1440.3
54.1	54.91	32.688 E	-1.429 D	26.321	1440.3
55.1	55.94	32.721 E	-1.422 D	26.348	1440.4
56.1	56.99	32.748 E	-1.426 D	26.370	1440.4
57.1	58.02	32.773 E	-1.423 D	26.390	1440.5
58.1	59.04	32.798 E	-1.436 D	26.411	1440.5
59.1	59.99	32.828 E	-1.437 D	26.434	1440.6
60.1	61.05	32.852 E	-1.435 D	26.454	1440.6
61.1	62.10	32.868 E	-1.432 D	26.467	1440.7
62.1	63.10	32.899 E	-1.430 D	26.492	1440.7
63.1	64.10	32.925 E	-1.430 D	26.513	1440.8
64.1	65.15	32.945 E	-1.424 D	26.529	1440.9
65.1	66.20	32.962 E	-1.412 D	26.542	1441.0
66.1	67.15	32.980 E	-1.404 D	26.557	1441.0
67.1	68.25	33.002 E	-1.392 D	26.574	1441.1
68.1	69.20	33.014 E	-1.373 D	26.583	1441.3
69.1	70.25	33.046 E	-1.353 D	26.609	1441.4

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
70.1	71.30	33.090 E	-1.331 D	26.644	1441.6
71.1	72.20	33.130 E	-1.304 D	26.676	1441.8
72.1	73.30	33.179 E	-1.275 D	26.714	1442.0
73.1	74.25	33.220 E	-1.246 D	26.747	1442.2
74.1	75.35	33.262 E	-1.220 D	26.780	1442.4
75.1	76.30	33.309 E	-1.212 D	26.818	1442.6
76.1	77.35	33.342 E	-1.219 D	26.845	1442.6
77.1	78.35	33.347 E	-1.192 D	26.848	1442.7
78.1	79.35	33.367 E	-1.196 D	26.865	1442.8
79.1	80.45	33.390 E	-1.213 D	26.884	1442.7
80.1	81.40	33.396 E	-1.154 D	26.887	1443.0
81.1	82.45	33.419 E	-1.139 D	26.905	1443.2
82.1	83.50	33.449 E	-1.181 D	26.930	1443.0
83.1	84.45	33.454 E	-1.155 D	26.933	1443.2
84.1	85.50	33.462 E	-1.118 D	26.939	1443.4
85.1	86.55	33.483 E	-1.068 D	26.955	1443.6
86.1	87.55	33.500 E	-1.051 D	26.968	1443.8
87.1	88.55	33.517 E	-1.035 D	26.981	1443.9
88.1	89.55	33.554 E	-1.042 D	27.011	1443.9
89.1	90.60	33.562 E	-1.033 D	27.017	1444.0
90.1	91.70	33.568 E	-1.007 D	27.021	1444.1
91.1	92.65	33.587 E	-0.965 D	27.035	1444.4
92.1	93.65	33.605 E	-0.951 D	27.049	1444.5
93.1	94.65	33.620 E	-0.942 D	27.061	1444.6
94.1	95.70	33.629 E	-0.931 D	27.068	1444.6
95.1	96.70	33.644 E	-0.922 D	27.080	1444.7
96.1	97.75	33.656 E	-0.907 D	27.089	1444.8
97.1	98.80	33.672 E	-0.898 D	27.102	1444.9
98.1	99.80	33.684 E	-0.887 D	27.111	1445.0
99.1	100.85	33.696 E	-0.878 D	27.120	1445.1
100.1	101.75	33.703 E	-0.870 D	27.125	1445.1
101.1	102.80	33.711 E	-0.863 D	27.132	1445.2
102.1	103.80	33.720 E	-0.857 D	27.139	1445.3
104.1	105.80	33.737 E	-0.844 D	27.152	1445.4
105.1	106.80	33.752 D	-0.833 C	27.164	1445.5
106.1	107.85	33.765 D	-0.822 C	27.174	1445.5
107.1	108.90	33.780 D	-0.814 C	27.186	1445.6
108.1	109.90	33.788 D	-0.813 C	27.192	1445.6
109.1	111.00	33.797 D	-0.805 C	27.199	1445.7
110.1	112.00	33.807 D	-0.798 C	27.207	1445.8
111.1	113.00	33.814 D	-0.795 C	27.212	1445.8
112.1	114.00	33.824 D	-0.787 C	27.220	1445.9
113.1	115.00	33.833 D	-0.778 C	27.227	1446.0
114.1	116.05	33.841 D	-0.772 C	27.234	1446.0
115.1	117.05	33.847 D	-0.768 C	27.238	1446.1
116.1	118.10	33.855 D	-0.762 C	27.244	1446.1
117.1	119.10	33.861 D	-0.757 C	27.249	1446.2
118.1	120.05	33.871 D	-0.748 C	27.257	1446.2
119.1	121.15	33.882 D	-0.740 C	27.266	1446.3
120.1	122.10	33.890 D	-0.735 C	27.271	1446.4
121.1	123.20	33.898 D	-0.726 C	27.277	1446.4
122.1	124.15	33.908 D	-0.723 C	27.285	1446.5
123.1	125.25	33.915 D	-0.716 C	27.291	1446.5
124.1	126.20	33.922 D	-0.710 C	27.297	1446.6
125.1	127.20	33.930 D	-0.707 C	27.303	1446.6
126.1	128.30	33.937 D	-0.700 C	27.308	1446.7
127.1	129.25	33.943 D	-0.694 C	27.313	1446.7
128.1	130.35	33.951 D	-0.687 C	27.319	1446.8
129.1	131.30	33.957 D	-0.682 C	27.324	1446.8
130.1	132.30	33.965 D	-0.673 C	27.330	1446.9
131.1	133.40	33.976 D	-0.667 C	27.339	1447.0
132.1	134.40	33.983 D	-0.662 C	27.344	1447.0
133.1	135.35	33.992 D	-0.650 C	27.351	1447.1
134.1	136.45	34.008 D	-0.640 C	27.363	1447.2
135.1	137.45	34.017 D	-0.634 C	27.370	1447.3
136.1	138.20	34.024 D	-0.631 C	27.376	1447.3
137.1	139.30	34.029 D	-0.626 C	27.380	1447.3
138.1	140.30	34.038 D	-0.617 C	27.387	1447.4
139.1	141.35	34.050 D	-0.608 C	27.396	1447.5
140.1	142.30	34.059 D	-0.602 C	27.403	1447.5

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
141.1	143.35	34.063 D	-0.597 C	27.406	1447.6
142.1	144.30	34.071 D	-0.591 C	27.413	1447.6
143.1	145.30	34.078 D	-0.582 C	27.418	1447.7
144.1	146.35	34.089 D	-0.573 C	27.426	1447.8
145.1	147.35	34.101 D	-0.564 C	27.435	1447.9
146.1	148.50	34.110 D	-0.558 C	27.443	1447.9
147.1	149.40	34.118 D	-0.551 C	27.449	1448.0
148.1	150.55	34.127 D	-0.545 C	27.455	1448.0
149.1	151.55	34.132 D	-0.539 C	27.459	1448.1
150.1	152.55	34.139 D	-0.536 C	27.465	1448.1
151.1	153.60	34.143 D	-0.528 C	27.468	1448.2
152.1	154.60	34.154 D	-0.520 C	27.476	1448.3
153.1	155.60	34.165 D	-0.508 C	27.484	1448.3
154.1	156.60	34.179 D	-0.498 C	27.496	1448.4
155.1	157.50	34.187 D	-0.492 C	27.502	1448.5
156.1	158.70	34.196 D	-0.483 C	27.509	1448.6
157.1	159.70	34.203 D	-0.477 C	27.514	1448.6
158.1	160.70	34.211 D	-0.467 C	27.520	1448.7
159.1	161.65	34.225 D	-0.453 C	27.531	1448.8
160.1	162.65	34.238 D	-0.443 C	27.541	1448.9
161.1	163.80	34.252 D	-0.430 C	27.551	1449.0
162.1	164.75	34.263 D	-0.420 C	27.560	1449.0
163.1	165.80	34.270 D	-0.415 C	27.566	1449.1
164.1	166.60	34.276 D	-0.412 C	27.570	1449.1
165.1	167.80	34.279 D	-0.410 C	27.572	1449.2
166.1	168.60	34.284 D	-0.406 C	27.576	1449.2
167.1	169.85	34.287 D	-0.402 C	27.579	1449.2
168.1	170.65	34.296 D	-0.391 C	27.585	1449.3
169.1	171.85	34.305 D	-0.377 C	27.592	1449.4
170.1	172.80	34.323 D	-0.361 C	27.606	1449.5
171.1	173.95	34.332 D	-0.351 C	27.613	1449.6
172.1	174.85	34.343 D	-0.340 C	27.621	1449.7
173.1	175.75	34.354 D	-0.326 C	27.629	1449.8
174.1	176.75	34.366 D	-0.317 C	27.639	1449.8
175.1	177.85	34.370 D	-0.312 C	27.642	1449.9
176.1	178.85	34.376 D	-0.309 C	27.646	1449.9
177.1	179.95	34.379 D	-0.306 C	27.648	1450.0
178.1	180.80	34.383 D	-0.301 C	27.651	1450.0
179.1	182.00	34.390 D	-0.292 C	27.657	1450.1
180.1	183.00	34.395 D	-0.287 C	27.661	1450.1
181.1	183.80	34.402 D	-0.280 C	27.666	1450.2
182.1	184.85	34.408 D	-0.272 C	27.670	1450.3
183.1	185.85	34.413 D	-0.268 C	27.674	1450.3
184.1	187.05	34.416 D	-0.266 C	27.677	1450.3
185.1	188.10	34.420 D	-0.262 C	27.680	1450.4
186.1	189.20	34.424 D	-0.257 C	27.683	1450.4
187.1	190.00	34.429 D	-0.250 C	27.687	1450.5
188.1	190.90	34.435 D	-0.243 C	27.691	1450.5
189.1	192.25	34.443 D	-0.230 C	27.697	1450.6
190.1	192.65	34.452 D	-0.224 C	27.704	1450.7
191.1	193.60	34.456 D	-0.220 C	27.707	1450.7
192.1	194.40	34.462 D	-0.215 C	27.711	1450.7
193.1	195.90	34.466 D	-0.212 C	27.714	1450.8
194.1	196.90	34.468 D	-0.208 C	27.716	1450.8
195.1	197.65	34.472 D	-0.203 C	27.718	1450.9
196.1	198.75	34.474 D	-0.200 C	27.721	1450.9
197.1	199.35	34.482 D	-0.193 C	27.726	1451.0
198.1	200.70	34.486 D	-0.186 C	27.729	1451.0
199.1	201.70	34.493 D	-0.179 C	27.734	1451.1
200.1	202.55	34.497 D	-0.174 C	27.737	1451.1
201.1	204.00	34.501 D	-0.170 C	27.740	1451.2
202.1	204.35	34.506 D	-0.165 C	27.744	1451.2
203.1	205.60	34.507 D	-0.158 C	27.745	1451.2
204.1	207.20	34.515 D	-0.150 C	27.751	1451.3
205.1	208.20	34.519 D	-0.148 C	27.754	1451.4
206.1	209.25	34.521 D	-0.145 C	27.756	1451.4
207.1	210.55	34.525 D	-0.140 C	27.758	1451.4
208.1	211.55	34.531 D	-0.135 C	27.763	1451.5
209.1	212.35	34.535 D	-0.129 C	27.766	1451.5
210.1	213.30	34.539 D	-0.120 C	27.769	1451.6

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
211.1	214.35	34.546 D	-0.113 C	27.774	1451.7
212.1	215.45	34.550 D	-0.109 C	27.777	1451.7
213.1	216.55	34.555 D	-0.104 C	27.781	1451.7
214.1	217.55	34.559 D	-0.100 C	27.784	1451.8
215.1	218.65	34.562 D	-0.094 C	27.786	1451.8
216.1	219.55	34.567 D	-0.091 C	27.790	1451.9
217.1	220.65	34.569 D	-0.086 C	27.791	1451.9
218.1	221.35	34.573 D	-0.082 C	27.794	1452.0
219.1	222.60	34.576 D	-0.077 C	27.796	1452.0
220.1	223.75	34.580 D	-0.073 C	27.800	1452.0
221.1	224.80	34.584 D	-0.067 C	27.803	1452.1
222.1	225.45	34.590 D	-0.060 C	27.807	1452.1
223.1	226.80	34.593 D	-0.056 C	27.810	1452.2
224.1	227.80	34.596 D	-0.053 C	27.812	1452.2
225.1	228.50	34.600 D	-0.047 C	27.814	1452.3
226.1	229.45	34.604 D	-0.041 C	27.818	1452.3
227.1	230.50	34.607 D	-0.038 C	27.820	1452.4
228.1	231.50	34.610 D	-0.033 C	27.822	1452.4
229.1	232.70	34.614 D	-0.029 C	27.825	1452.4
230.1	233.60	34.618 D	-0.026 C	27.828	1452.5
231.1	234.95	34.620 D	-0.023 C	27.829	1452.5
232.1	235.90	34.622 D	-0.020 C	27.831	1452.5
233.1	236.70	34.625 D	-0.018 C	27.833	1452.6
234.1	237.90	34.627 D	-0.014 C	27.834	1452.6
235.1	238.65	34.629 D	-0.010 C	27.836	1452.6
236.1	240.00	34.631 D	-0.008 C	27.837	1452.7
237.1	240.75	34.635 D	-0.004 C	27.840	1452.7
238.1	241.70	34.636 D	0.000 C	27.841	1452.7
239.1	243.00	34.639 D	0.004 C	27.843	1452.8
240.1	243.80	34.643 D	0.008 C	27.846	1452.8
241.1	245.05	34.645 D	0.011 C	27.848	1452.9
242.1	246.10	34.648 D	0.016 C	27.850	1452.9
243.1	247.05	34.652 D	0.020 C	27.853	1452.9
244.1	248.10	34.655 D	0.024 C	27.855	1453.0
245.1	249.05	34.659 D	0.026 C	27.858	1453.0
246.1	249.85	34.661 D	0.029 C	27.860	1453.0
247.1	251.15	34.664 D	0.033 C	27.862	1453.1
248.1	251.95	34.667 D	0.036 C	27.865	1453.1
249.1	253.25	34.669 D	0.040 C	27.866	1453.2
250.1	254.00	34.673 D	0.043 C	27.868	1453.2
252.1	256.05	34.677 D	0.049 C	27.872	1453.3
253.1	257.15	34.679 D	0.053 C	27.873	1453.3
254.1	258.05	34.683 D	0.057 C	27.876	1453.3
255.1	259.30	34.686 D	0.061 C	27.878	1453.4
256.1	260.40	34.688 D	0.065 C	27.880	1453.4
257.1	261.20	34.692 D	0.067 C	27.883	1453.5
258.1	262.00	34.694 D	0.071 C	27.884	1453.5
259.1	263.45	34.695 D	0.074 C	27.885	1453.5
260.1	264.00	34.699 D	0.078 C	27.888	1453.6
261.1	265.25	34.703 D	0.080 C	27.891	1453.6
262.1	266.45	34.703 D	0.082 C	27.891	1453.6
263.1	267.25	34.706 D	0.083 C	27.893	1453.6
264.1	268.45	34.706 D	0.086 C	27.893	1453.7
265.1	269.55	34.708 D	0.089 C	27.894	1453.7
266.1	270.55	34.710 D	0.093 C	27.896	1453.7
267.1	271.45	34.714 D	0.096 C	27.899	1453.8
268.1	272.60	34.717 D	0.100 C	27.901	1453.8
269.1	273.15	34.719 D	0.102 C	27.902	1453.8
270.1	274.50	34.720 D	0.105 C	27.904	1453.9
271.1	275.60	34.721 D	0.107 C	27.904	1453.9
272.1	276.45	34.725 D	0.109 C	27.907	1453.9
273.1	277.55	34.725 D	0.112 C	27.907	1454.0
274.1	278.60	34.728 D	0.114 C	27.909	1454.0
275.1	279.65	34.730 D	0.117 C	27.911	1454.0
276.1	280.65	34.731 D	0.120 C	27.911	1454.1
277.1	281.65	34.733 D	0.122 C	27.913	1454.1
278.1	282.25	34.736 D	0.125 C	27.915	1454.1
279.1	283.40	34.739 D	0.127 C	27.917	1454.2
280.1	284.70	34.739 D	0.129 C	27.918	1454.2
281.1	285.55	34.742 D	0.131 C	27.920	1454.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
282.1	286.40	34.743 D	0.133 C	27.921	1454.2
283.1	287.40	34.745 D	0.136 C	27.922	1454.3
284.1	288.40	34.746 D	0.138 C	27.922	1454.3
285.1	289.45	34.748 D	0.139 C	27.924	1454.3
286.1	290.40	34.749 D	0.140 C	27.925	1454.3
287.1	291.80	34.749 D	0.141 C	27.925	1454.4
288.1	292.90	34.749 D	0.142 C	27.925	1454.4
289.1	293.70	34.753 D	0.144 C	27.928	1454.4
290.1	294.60	34.753 D	0.148 C	27.928	1454.5
291.1	296.00	34.755 D	0.151 C	27.929	1454.5
292.1	296.60	34.758 D	0.153 C	27.932	1454.5
293.1	297.90	34.760 D	0.155 C	27.933	1454.6
294.1	299.00	34.760 D	0.157 C	27.933	1454.6
295.1	300.00	34.762 D	0.160 C	27.934	1454.6
296.1	301.00	34.764 D	0.163 C	27.936	1454.6
297.1	301.85	34.768 D	0.166 C	27.939	1454.7
298.1	303.05	34.767 D	0.168 C	27.938	1454.7
299.1	304.10	34.770 D	0.170 C	27.941	1454.7
300.1	305.05	34.772 D	0.171 C	27.942	1454.8

TEMPERATURE, C

△ -2.00 -1.50 -1.00 -0.50 0.00 0.50 1.00

SALINITY ‰

□ 12.00 16.00 20.00 24.00 28.00 32.00 36.00

SIGMA-T

* 10.00 13.00 16.00 19.00 22.00 25.00 28.00

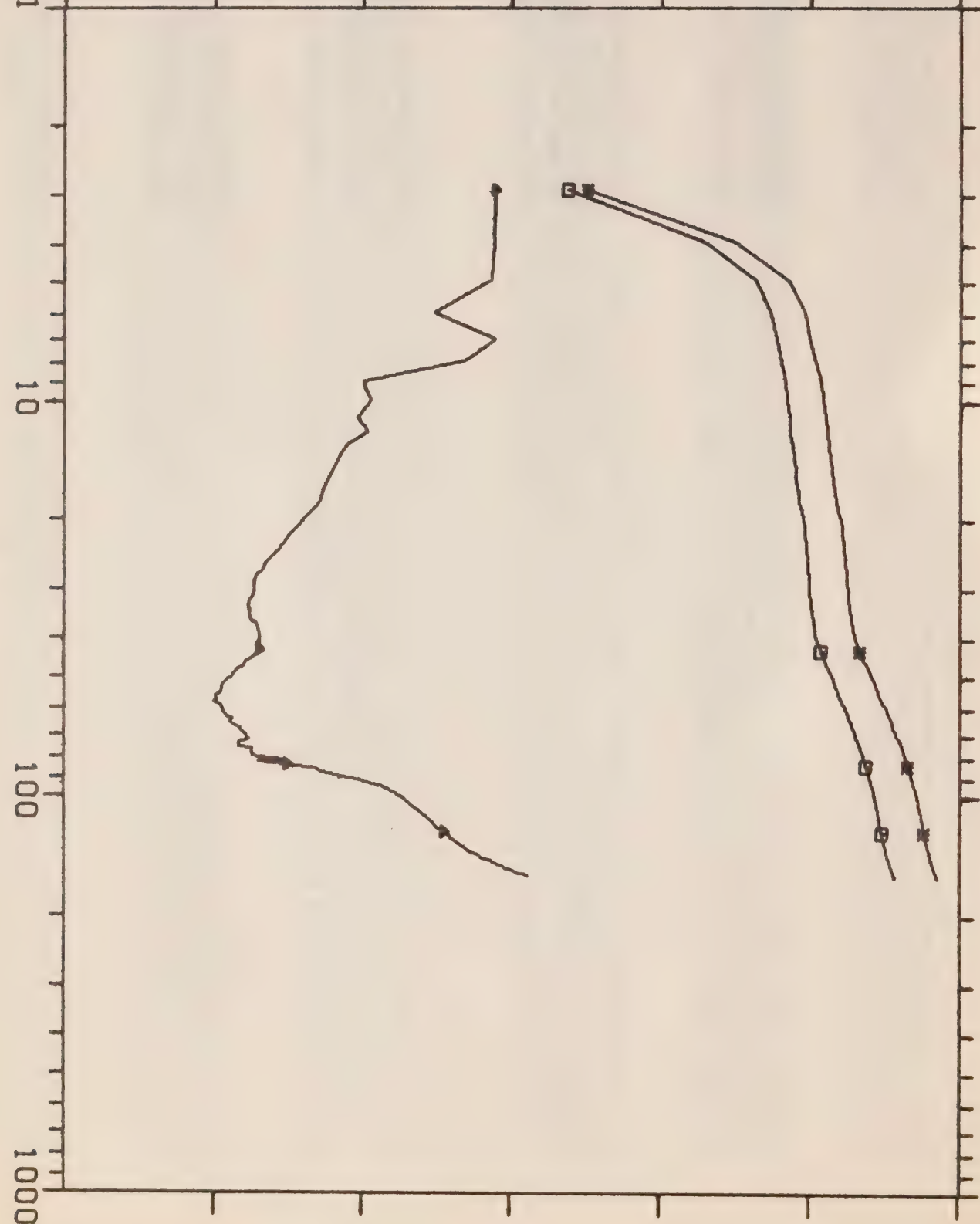
DEPTH M

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EXPERIMENT 757



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 757

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 160473

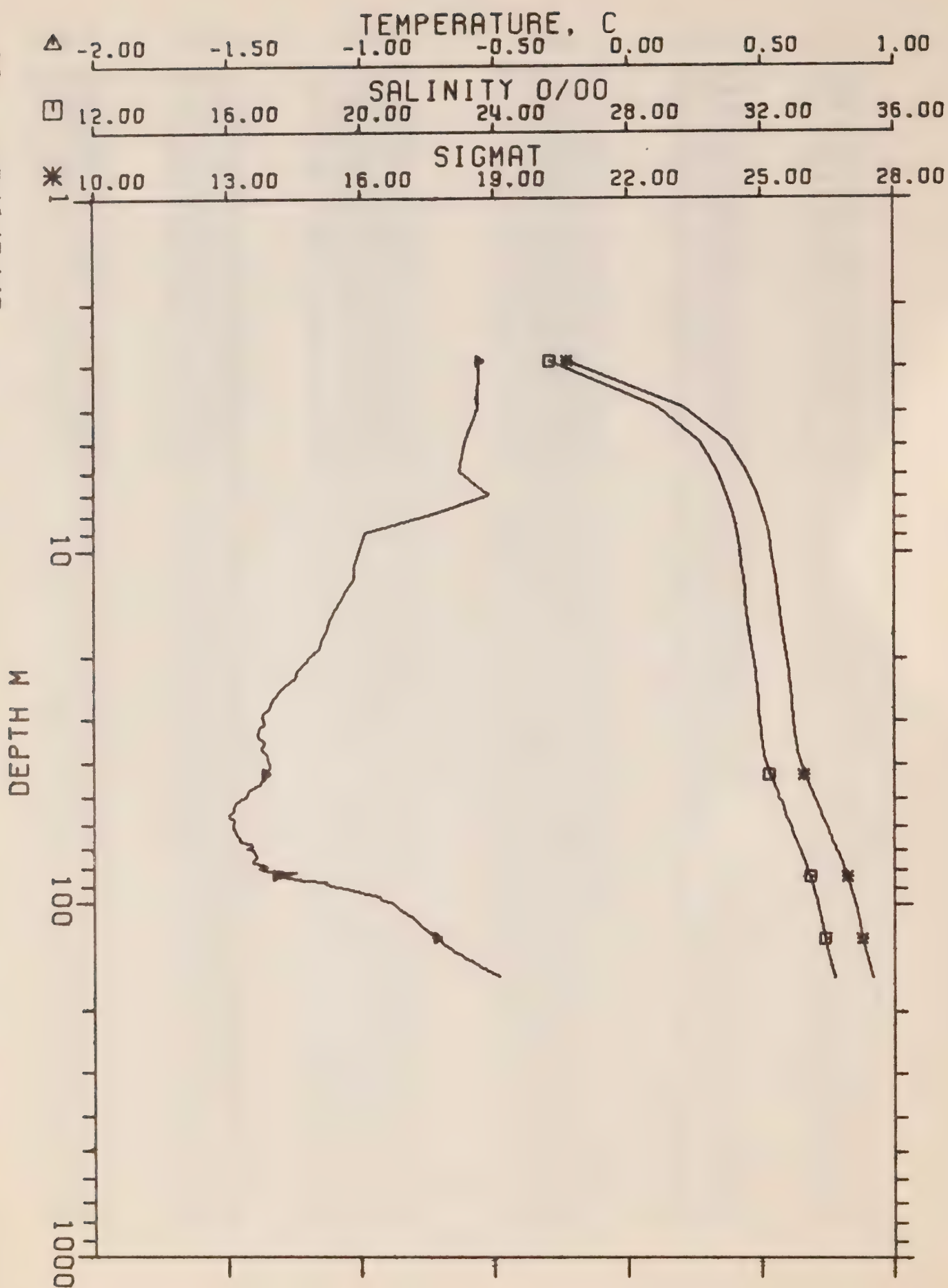
LOCAL TIME 0940

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.9	2.85	25.537 E	-0.557 D	20.528	1433.6
3.9	3.90	29.176 E	-0.561 D	23.461	1438.7
4.9	4.91	30.518 E	-0.569 D	24.544	1440.5
5.9	5.97	30.935 E	-0.760 D	24.885	1440.2
6.9	7.05	31.066 E	-0.548 D	24.985	1441.4
7.9	8.05	31.206 E	-0.659 D	25.102	1441.1
8.9	9.02	31.329 E	-0.998 D	25.210	1439.7
9.9	10.04	31.366 E	-0.968 D	25.240	1439.9
10.9	11.11	31.423 E	-1.021 D	25.287	1439.7
11.9	12.14	31.459 E	-0.982 D	25.316	1440.0
12.9	13.13	31.508 E	-1.053 D	25.356	1439.7
13.9	14.10	31.552 E	-1.085 D	25.393	1439.7
14.9	15.17	31.589 E	-1.107 D	25.424	1439.6
15.9	16.21	31.617 E	-1.122 D	25.447	1439.6
16.9	17.23	31.662 E	-1.139 D	25.483	1439.6
17.9	18.27	31.695 E	-1.146 D	25.511	1439.7
18.9	19.21	31.746 E	-1.169 D	25.552	1439.6
19.9	20.30	31.795 E	-1.202 D	25.593	1439.6
20.9	21.26	31.824 E	-1.224 D	25.616	1439.5
21.9	22.34	31.853 E	-1.250 D	25.641	1439.5
22.9	23.31	31.869 E	-1.272 D	25.654	1439.4
23.9	24.29	31.887 E	-1.291 D	25.670	1439.3
24.9	25.29	31.901 E	-1.312 D	25.681	1439.3
25.9	26.32	31.922 E	-1.336 D	25.698	1439.2
26.9	27.27	31.930 E	-1.338 D	25.705	1439.2
27.9	28.39	31.944 E	-1.364 D	25.717	1439.1
28.9	29.37	31.952 E	-1.371 D	25.723	1439.1
29.9	30.36	31.970 E	-1.372 D	25.738	1439.2
30.9	31.43	31.978 E	-1.370 D	25.745	1439.2
31.9	32.43	31.992 E	-1.386 D	25.756	1439.2
32.9	33.42	32.006 E	-1.388 D	25.768	1439.2
33.9	34.51	32.027 E	-1.381 D	25.784	1439.3
34.9	35.52	32.047 E	-1.380 D	25.801	1439.3
35.9	36.49	32.075 E	-1.374 D	25.823	1439.4
36.9	37.48	32.090 E	-1.355 D	25.835	1439.5
37.9	38.57	32.112 E	-1.350 D	25.853	1439.6
38.9	39.55	32.139 E	-1.343 D	25.874	1439.7
39.9	40.55	32.170 E	-1.343 D	25.900	1439.8
40.9	41.63	32.211 E	-1.346 D	25.933	1439.8
41.9	42.64	32.253 E	-1.358 D	25.967	1439.8
42.9	43.62	32.287 E	-1.349 D	25.995	1439.9
43.9	44.62	32.316 E	-1.363 D	26.018	1439.9
44.9	45.71	32.364 E	-1.380 D	26.058	1439.9
45.9	46.70	32.420 E	-1.398 D	26.103	1439.9
46.9	47.69	32.450 E	-1.403 D	26.127	1440.0
47.9	48.69	32.492 E	-1.428 D	26.163	1439.9
48.9	49.76	32.534 E	-1.435 D	26.196	1440.0
49.9	50.80	32.581 E	-1.446 D	26.234	1440.0
50.9	51.79	32.611 E	-1.459 D	26.259	1440.0
51.9	52.79	32.647 E	-1.472 D	26.289	1440.0
52.9	53.79	32.678 E	-1.479 D	26.315	1440.0
53.9	54.84	32.705 E	-1.481 D	26.336	1440.1
54.9	55.86	32.732 E	-1.486 D	26.358	1440.1
55.9	56.92	32.768 E	-1.498 D	26.387	1440.1
56.9	57.93	32.798 E	-1.492 D	26.412	1440.2
57.9	58.95	32.830 E	-1.504 D	26.438	1440.2
58.9	60.97	32.909 E	-1.477 D	26.501	1440.5
59.9	61.95	32.934 E	-1.472 D	26.522	1440.6
60.9	63.00	32.947 E	-1.471 D	26.532	1440.6
61.9	64.05	32.981 E	-1.461 D	26.560	1440.7
62.9	65.00	33.008 E	-1.453 D	26.581	1440.8
63.9	66.05	33.038 E	-1.436 D	26.605	1441.0
64.9	67.10	33.066 E	-1.451 D	26.627	1440.9

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
65.9	68.10	33.088 E	-1.438 D	26.645	1441.1
66.9	69.10	33.111 E	-1.410 D	26.663	1441.2
67.9	70.15	33.148 E	-1.416 D	26.693	1441.3
68.9	71.20	33.165 E	-1.407 D	26.707	1441.4
69.9	72.15	33.187 E	-1.391 D	26.724	1441.5
70.9	73.15	33.214 E	-1.396 D	26.746	1441.5
71.9	74.20	33.239 E	-1.379 D	26.766	1441.6
72.9	75.25	33.277 E	-1.420 D	26.798	1441.5
73.9	76.30	33.306 E	-1.418 D	26.821	1441.6
74.9	77.30	33.318 E	-1.419 D	26.831	1441.6
75.9	78.35	33.340 E	-1.372 D	26.847	1441.9
76.9	79.35	33.355 E	-1.374 D	26.860	1441.9
77.9	80.40	33.381 E	-1.375 D	26.881	1442.0
78.9	81.35	33.400 E	-1.371 D	26.896	1442.0
79.9	82.35	33.427 E	-1.351 D	26.918	1442.2
80.9	83.35	33.429 E	-1.258 D	26.917	1442.6
81.9	84.40	33.477 E	-1.355 D	26.958	1442.3
82.9	85.45	33.476 E	-1.255 D	26.955	1442.7
83.9	86.50	33.493 E	-1.241 D	26.967	1442.8
84.9	87.50	33.506 E	-1.166 D	26.976	1443.2
85.9	88.55	33.513 E	-1.143 D	26.981	1443.4
86.9	89.50	33.537 E	-1.142 D	27.000	1443.4
87.9	90.50	33.551 E	-1.103 D	27.010	1443.6
88.9	91.55	33.569 E	-1.077 D	27.024	1443.8
89.9	92.65	33.584 E	-1.045 D	27.035	1444.0
90.9	93.65	33.598 E	-1.008 D	27.046	1444.2
91.9	94.60	33.610 E	-0.986 D	27.054	1444.3
92.9	95.65	33.626 E	-0.963 D	27.066	1444.5
93.9	96.70	33.642 E	-0.938 D	27.078	1444.6
94.9	97.75	33.663 E	-0.928 D	27.095	1444.7
95.9	98.70	33.674 E	-0.914 D	27.103	1444.8
96.9	99.70	33.684 E	-0.900 D	27.111	1444.9
97.9	100.75	33.696 E	-0.888 D	27.120	1445.0
98.9	101.80	33.707 E	-0.881 D	27.129	1445.1
99.9	102.75	33.714 E	-0.873 D	27.135	1445.1
100.9	103.80	33.726 E	-0.863 D	27.144	1445.2
101.9	104.85	33.738 E	-0.856 D	27.153	1445.3
102.9	105.85	33.745 F	-0.847 D	27.159	1445.4
103.9	106.90	33.755 E	-0.841 D	27.166	1445.4
104.9	107.90	33.761 E	-0.836 D	27.171	1445.5
105.9	108.95	33.771 D	-0.828 C	27.179	1445.5
106.9	109.90	33.781 D	-0.820 C	27.187	1445.6
107.9	110.90	33.788 D	-0.814 C	27.192	1445.7
108.9	111.90	33.799 D	-0.807 C	27.201	1445.7
109.9	113.00	33.808 D	-0.800 C	27.207	1445.8
110.9	114.05	33.815 D	-0.796 C	27.213	1445.8
111.9	115.05	33.824 D	-0.788 C	27.220	1445.9
112.9	116.00	33.833 D	-0.782 C	27.227	1446.0
113.9	117.05	33.839 D	-0.776 C	27.232	1446.0
114.9	118.05	33.848 D	-0.771 C	27.239	1446.1
115.9	119.10	33.853 D	-0.765 C	27.243	1446.1
116.9	120.15	33.860 D	-0.760 C	27.248	1446.2
117.9	121.15	33.870 D	-0.755 C	27.256	1446.2
118.9	122.15	33.877 D	-0.748 C	27.262	1446.3
119.9	123.15	33.885 D	-0.742 C	27.268	1446.3
120.9	124.25	33.891 D	-0.737 C	27.273	1446.4
121.9	125.25	33.899 D	-0.731 C	27.279	1446.4
122.9	126.20	33.907 D	-0.725 C	27.285	1446.5
123.9	127.30	33.916 D	-0.718 C	27.292	1446.6
124.9	128.30	33.924 D	-0.711 C	27.298	1446.6
125.9	129.35	33.930 D	-0.706 C	27.303	1446.7
126.9	130.35	33.938 D	-0.700 C	27.309	1446.7
127.9	131.35	33.948 D	-0.694 C	27.317	1446.8
128.9	132.40	33.956 D	-0.686 C	27.323	1446.8
129.9	133.40	33.962 D	-0.681 C	27.328	1446.9
130.9	134.40	33.970 D	-0.675 C	27.334	1446.9
131.9	135.45	33.976 D	-0.671 C	27.339	1447.0
132.9	136.50	33.981 D	-0.667 C	27.343	1447.0
133.9	137.45	33.990 D	-0.658 C	27.349	1447.1
134.9	138.50	33.999 D	-0.651 C	27.357	1447.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
135.9	139.55	34.008 D	-0.645 C	27.363	1447.2
136.9	140.50	34.016 D	-0.638 C	27.370	1447.3
137.9	141.45	34.025 D	-0.631 C	27.377	1447.3
138.9	142.35	34.033 D	-0.625 C	27.383	1447.4
139.9	143.45	34.043 D	-0.615 C	27.391	1447.5
140.9	144.45	34.055 D	-0.607 C	27.400	1447.5
141.9	145.50	34.062 D	-0.601 C	27.405	1447.6
142.9	146.40	34.070 D	-0.594 C	27.412	1447.7
143.9	147.50	34.079 D	-0.587 C	27.419	1447.7
144.9	148.45	34.093 D	-0.572 C	27.429	1447.8
145.9	149.45	34.107 D	-0.562 C	27.440	1447.9
146.9	150.45	34.116 D	-0.557 C	27.447	1448.0
147.9	151.65	34.127 D	-0.546 C	27.456	1448.0
148.9	152.60	34.137 D	-0.537 C	27.463	1448.1
149.9	153.50	34.146 D	-0.531 C	27.471	1448.2
150.9	154.65	34.156 D	-0.522 C	27.478	1448.2
151.9	155.50	34.165 D	-0.514 C	27.485	1448.3
152.9	156.60	34.175 D	-0.505 C	27.493	1448.4
153.9	157.70	34.186 D	-0.497 C	27.501	1448.5
154.9	158.70	34.199 D	-0.484 C	27.511	1448.6
155.9	159.80	34.214 D	-0.470 C	27.523	1448.7
156.9	160.60	34.222 D	-0.462 C	27.529	1448.7
157.9	161.70	34.235 D	-0.451 C	27.539	1448.8
158.9	162.85	34.245 D	-0.441 C	27.547	1448.9

EXPERIMENT 759



CRUISE 15-73-012

D'IBERVILLE FIORO-73

EXPER. NO. 759

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 160473

LOCAL TIME 1440

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
2.9	2.91	25.674 E	-0.557 D	20.639	1433.8
3.9	3.71	28.910 E	-0.550 D	23.247	1438.3
4.9	4.69	30.171 E	-0.608 D	24.265	1439.8
5.9	5.74	30.672 E	-0.631 D	24.670	1440.4
6.9	6.76	30.957 E	-0.514 D	24.896	1441.4
7.9	7.85	31.169 E	-0.733 D	25.074	1440.7
8.9	8.83	31.294 E	-0.984 D	25.182	1439.7
9.9	9.83	31.344 E	-1.003 D	25.223	1439.7
10.9	10.85	31.410 E	-1.023 D	25.277	1439.7
11.9	11.92	31.476 E	-1.026 D	25.330	1439.8
12.9	12.96	31.500 E	-1.056 D	25.351	1439.7
13.9	13.89	31.534 E	-1.078 D	25.378	1439.7
14.9	14.91	31.567 E	-1.104 D	25.405	1439.6
15.9	15.98	31.610 E	-1.121 D	25.441	1439.6
16.9	16.99	31.643 E	-1.132 D	25.468	1439.6
17.9	17.96	31.679 E	-1.152 D	25.498	1439.6
18.9	19.00	31.715 E	-1.153 D	25.527	1439.7
19.9	20.07	31.760 E	-1.189 D	25.564	1439.6
20.9	21.03	31.803 E	-1.213 D	25.599	1439.5
21.9	22.00	31.835 E	-1.238 D	25.626	1439.5
22.9	23.07	31.848 E	-1.252 D	25.636	1439.5
23.9	24.13	31.868 E	-1.285 D	25.654	1439.3
24.9	25.10	31.889 E	-1.303 D	25.671	1439.3
25.9	26.08	31.905 E	-1.324 D	25.685	1439.2
26.9	27.14	31.910 E	-1.339 D	25.689	1439.2
27.9	28.18	31.924 E	-1.344 D	25.700	1439.2
28.9	29.20	31.939 E	-1.372 D	25.714	1439.1
29.9	30.15	31.955 E	-1.365 D	25.726	1439.2
30.9	31.19	31.960 E	-1.359 D	25.730	1439.2
31.9	32.25	31.985 E	-1.385 D	25.751	1439.2
32.9	33.26	31.998 E	-1.389 D	25.762	1439.2
33.9	34.23	32.012 E	-1.379 D	25.772	1439.3
34.9	35.25	32.023 E	-1.361 D	25.781	1439.4
35.9	36.30	32.051 E	-1.374 D	25.804	1439.4
36.9	37.33	32.071 E	-1.363 D	25.820	1439.5
37.9	38.35	32.098 E	-1.350 D	25.842	1439.6
38.9	39.32	32.128 E	-1.348 D	25.866	1439.7
39.9	40.32	32.157 E	-1.340 D	25.889	1439.7
40.9	41.32	32.192 E	-1.340 D	25.917	1439.8
41.9	42.37	32.229 E	-1.353 D	25.947	1439.8
42.9	43.39	32.260 E	-1.358 D	25.973	1439.9
43.9	44.45	32.309 E	-1.360 D	26.013	1439.9
44.9	45.45	32.350 E	-1.377 D	26.046	1439.9
45.9	46.45	32.397 E	-1.381 D	26.084	1440.0
46.9	47.43	32.440 E	-1.404 D	26.120	1440.0
47.9	48.47	32.472 E	-1.425 D	26.146	1439.9
48.9	49.51	32.509 E	-1.432 D	26.176	1440.0
49.9	50.57	32.537 E	-1.435 D	26.199	1440.0
50.9	51.52	32.591 E	-1.454 D	26.243	1440.0
51.9	52.57	32.622 E	-1.468 D	26.269	1440.0
52.9	53.62	32.661 E	-1.479 D	26.300	1440.0
53.9	54.57	32.682 E	-1.481 D	26.318	1440.1
54.9	55.65	32.710 E	-1.485 D	26.340	1440.1
55.9	56.64	32.738 E	-1.497 D	26.364	1440.1
56.9	57.64	32.773 E	-1.495 D	26.392	1440.2
57.9	58.72	32.808 E	-1.476 D	26.420	1440.3
58.9	59.67	32.840 E	-1.482 D	26.445	1440.4
59.9	60.75	32.870 E	-1.478 D	26.470	1440.4
60.9	61.75	32.913 E	-1.479 D	26.504	1440.5
61.9	62.75	32.928 E	-1.471 D	26.517	1440.6
62.9	63.80	32.952 E	-1.465 D	26.536	1440.7
63.9	64.80	32.977 E	-1.465 D	26.556	1440.7
64.9	65.80	33.005 E	-1.457 D	26.578	1440.8

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
65.9	66.85	33.037 E	-1.453 D	26.604	1440.9
66.9	67.85	33.063 E	-1.445 D	26.625	1441.0
67.9	68.90	33.085 E	-1.410 D	26.642	1441.2
68.9	69.85	33.115 E	-1.407 D	26.666	1441.3
69.9	70.90	33.148 E	-1.430 D	26.694	1441.2
70.9	71.90	33.181 E	-1.402 D	26.720	1441.4
71.9	72.95	33.208 E	-1.393 D	26.741	1441.5
72.9	73.90	33.228 E	-1.389 D	26.757	1441.6
73.9	75.00	33.252 E	-1.390 D	26.777	1441.6
74.9	75.95	33.282 E	-1.402 D	26.801	1441.6
75.9	77.00	33.302 E	-1.406 D	26.818	1441.6
76.9	78.05	33.325 E	-1.401 D	26.836	1441.7
77.9	78.95	33.344 E	-1.368 D	26.850	1441.9
78.9	80.10	33.361 E	-1.350 D	26.864	1442.0
79.9	81.10	33.411 E	-1.385 D	26.905	1442.0
80.9	82.05	33.408 E	-1.343 D	26.902	1442.2
81.9	83.15	33.409 E	-1.241 D	26.900	1442.7
82.9	84.15	33.486 E	-1.320 D	26.965	1442.4
85.9	87.15	33.485 E	-1.212 D	26.960	1443.0
86.9	88.25	33.509 E	-1.123 D	26.977	1443.5
87.9	89.20	33.524 E	-1.137 D	26.989	1443.4
88.9	90.25	33.546 E	-1.111 D	27.007	1443.6
89.9	91.30	33.558 E	-1.087 D	27.015	1443.7
90.9	92.30	33.569 E	-1.048 D	27.024	1444.0
91.9	93.30	33.590 E	-1.016 D	27.039	1444.2
92.9	94.30	33.609 E	-0.995 D	27.054	1444.3
93.9	95.40	33.619 E	-0.978 D	27.061	1444.4
94.9	96.40	33.634 E	-0.952 D	27.073	1444.6
95.9	97.40	33.650 E	-0.926 D	27.084	1444.7
96.9	98.40	33.667 E	-0.924 D	27.099	1444.8
97.9	99.45	33.676 E	-0.909 D	27.105	1444.9
98.9	100.50	33.687 E	-0.889 D	27.113	1445.0
99.9	101.45	33.699 E	-0.880 D	27.123	1445.1
100.9	102.45	33.709 E	-0.872 D	27.130	1445.1
101.9	103.50	33.720 E	-0.864 D	27.139	1445.2
102.9	104.55	33.728 E	-0.856 D	27.145	1445.3
103.9	105.50	33.738 E	-0.848 D	27.153	1445.3
104.9	106.50	33.747 E	-0.840 D	27.160	1445.4
105.9	107.60	33.758 D	-0.833 C	27.168	1445.5
106.9	108.60	33.768 D	-0.825 C	27.176	1445.5
107.9	109.65	33.777 D	-0.818 C	27.183	1445.6
108.9	110.65	33.786 D	-0.810 C	27.191	1445.7
109.9	111.65	33.800 D	-0.801 C	27.201	1445.8
110.9	112.70	33.806 D	-0.797 C	27.206	1445.8
111.9	113.70	33.813 D	-0.791 C	27.212	1445.8
112.9	114.70	33.820 D	-0.784 C	27.217	1445.9
113.9	115.75	33.831 D	-0.779 C	27.225	1446.0
114.9	116.75	33.838 D	-0.773 C	27.231	1446.0
115.9	117.70	33.842 D	-0.769 C	27.234	1446.1
116.9	118.80	33.850 D	-0.765 C	27.240	1446.1
117.9	119.85	33.854 D	-0.760 C	27.243	1446.2
118.9	120.75	33.864 D	-0.754 C	27.251	1446.2
119.9	121.85	33.871 D	-0.747 C	27.256	1446.3
120.9	122.90	33.879 D	-0.739 C	27.263	1446.3
121.9	123.85	33.890 D	-0.732 C	27.272	1446.4
122.9	124.90	33.901 D	-0.725 C	27.280	1446.5
123.9	125.95	33.906 D	-0.719 C	27.284	1446.5
124.9	126.95	33.914 D	-0.713 C	27.291	1446.6
125.9	127.95	33.925 D	-0.705 C	27.299	1446.6
126.9	129.00	33.933 D	-0.700 C	27.305	1446.7
127.9	130.00	33.939 D	-0.694 C	27.310	1446.7
128.9	131.00	33.946 D	-0.690 C	27.315	1446.8
129.9	132.05	33.953 D	-0.684 C	27.320	1446.8
130.9	133.05	33.959 D	-0.679 C	27.325	1446.9
131.9	134.10	33.965 D	-0.674 C	27.330	1446.9
132.9	135.05	33.971 D	-0.670 C	27.335	1447.0
133.9	136.05	33.978 D	-0.663 C	27.340	1447.0
134.9	137.10	33.988 D	-0.656 C	27.348	1447.1
135.9	138.20	33.996 D	-0.650 C	27.354	1447.2
136.9	139.20	34.003 D	-0.643 C	27.359	1447.2

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
137.9	140.15	34.011 D	-0.635 C	27.366	1447.3
138.9	141.15	34.020 D	-0.629 C	27.372	1447.3
139.9	142.05	34.030 D	-0.622 C	27.380	1447.4
140.9	143.05	34.036 D	-0.616 C	27.385	1447.5
141.9	144.15	34.043 D	-0.612 C	27.391	1447.5
142.9	145.10	34.049 D	-0.605 C	27.395	1447.6
143.9	146.10	34.060 D	-0.598 C	27.404	1447.6
144.9	147.15	34.068 D	-0.591 C	27.409	1447.7
145.9	148.15	34.078 D	-0.581 C	27.418	1447.8
146.9	149.05	34.090 D	-0.572 C	27.426	1447.8
147.9	150.15	34.099 D	-0.566 C	27.434	1447.9
148.9	151.15	34.104 D	-0.560 C	27.438	1447.9
149.9	152.30	34.113 D	-0.555 C	27.445	1448.0
150.9	153.15	34.117 D	-0.549 C	27.448	1448.0
151.9	154.30	34.128 D	-0.539 C	27.456	1448.1
152.9	155.10	34.137 D	-0.533 C	27.463	1448.2
153.9	156.25	34.148 D	-0.524 C	27.472	1448.3
154.9	157.35	34.156 D	-0.518 C	27.478	1448.3
155.9	158.20	34.164 D	-0.511 C	27.484	1448.4
156.9	159.25	34.174 D	-0.504 C	27.492	1448.4
157.9	160.30	34.180 D	-0.498 C	27.496	1448.5
158.9	161.35	34.188 D	-0.490 C	27.503	1448.6
159.9	162.40	34.198 D	-0.477 C	27.510	1448.6

TEMPERATURE, C

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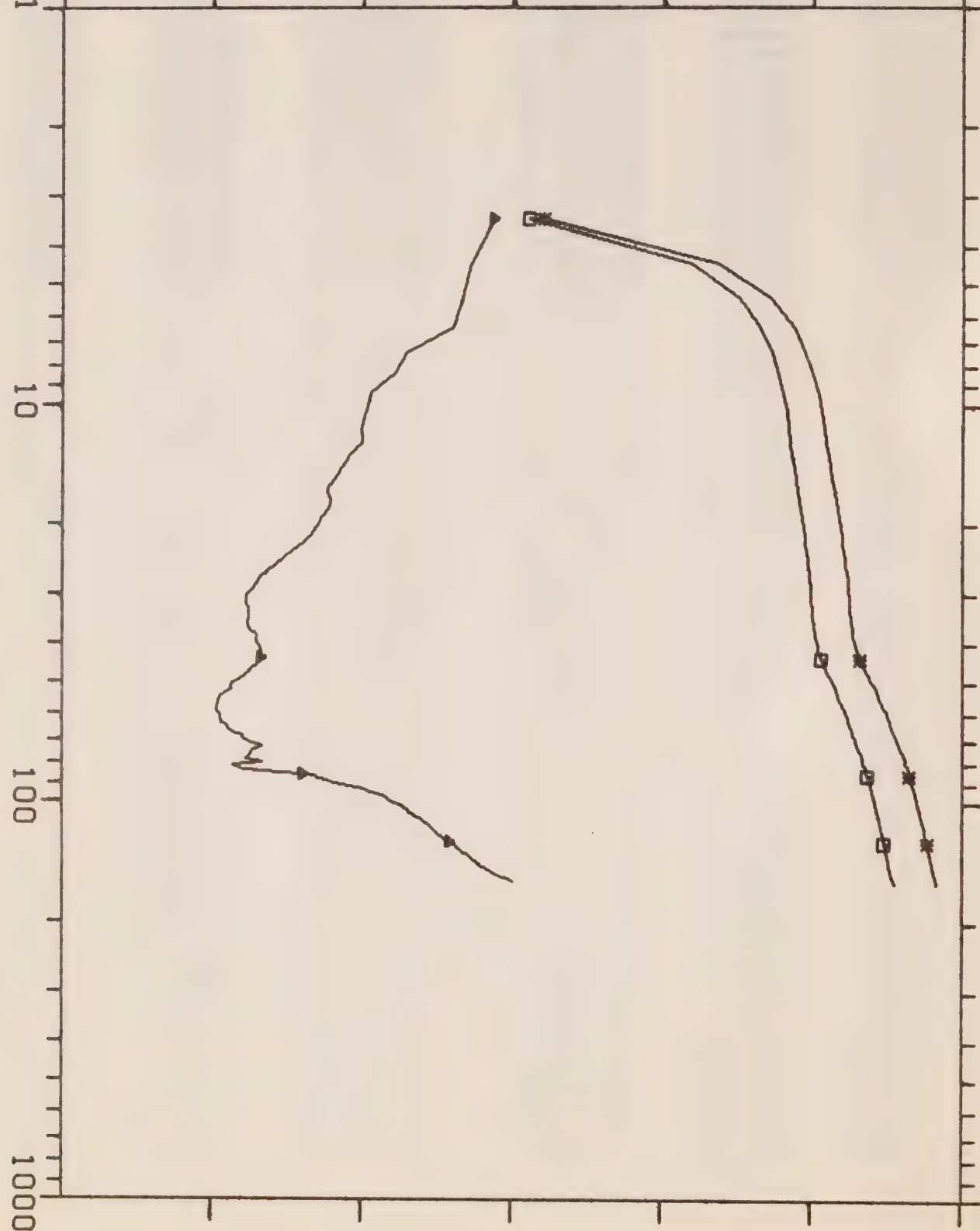
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DEPTH M



EXPERIMENT 766

CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 766

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 180473

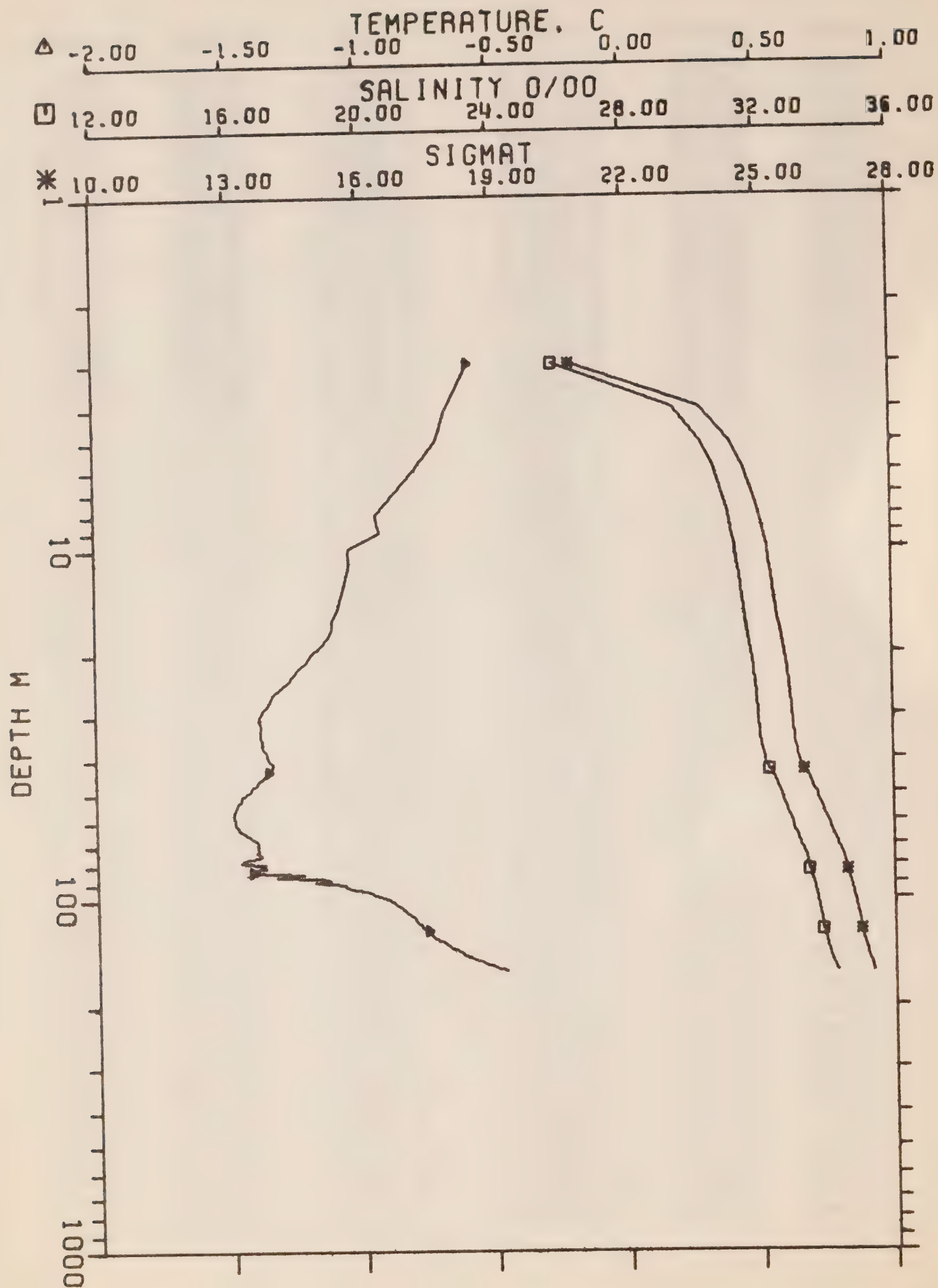
LOCAL TIME 1430

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
3.4	3.40	24.432 E	-0.565 D	19.639	1432.1
4.4	4.40	28.749 E	-0.641 D	23.119	1437.7
5.4	5.40	30.044 E	-0.672 D	24.164	1439.4
6.4	6.40	30.615 E	-0.702 D	24.626	1440.0
7.4	7.40	30.902 E	-0.854 D	24.862	1439.7
8.4	8.40	31.037 E	-0.895 D	25.012	1439.8
9.4	9.40	31.218 E	-0.973 D	25.120	1439.7
10.4	10.40	31.305 E	-0.987 D	25.191	1439.7
11.4	11.40	31.379 E	-1.007 D	25.251	1439.8
12.4	12.40	31.392 E	-1.002 D	25.262	1439.8
13.4	13.40	31.458 E	-1.044 D	25.316	1439.7
14.4	14.40	31.513 E	-1.071 D	25.361	1439.7
15.4	15.40	31.555 E	-1.095 D	25.396	1439.7
16.4	16.40	31.607 E	-1.119 D	25.438	1439.6
17.4	17.40	31.645 E	-1.104 D	25.469	1439.8
18.4	18.40	31.682 E	-1.114 D	25.499	1439.8
19.4	19.40	31.730 E	-1.138 D	25.538	1439.8
20.4	20.40	31.766 E	-1.153 D	25.568	1439.8
21.4	21.40	31.790 E	-1.175 D	25.588	1439.7
22.4	22.40	31.818 E	-1.202 D	25.611	1439.6
23.4	23.40	31.856 E	-1.234 D	25.643	1439.5
24.4	24.40	31.874 E	-1.265 D	25.658	1439.4
25.4	25.40	31.894 E	-1.293 D	25.675	1439.4
26.4	26.40	31.914 E	-1.318 D	25.692	1439.3
27.4	27.40	31.930 E	-1.344 D	25.705	1439.2
28.4	28.40	31.944 E	-1.361 D	25.717	1439.2
29.4	29.40	31.957 E	-1.377 D	25.728	1439.1
30.4	30.40	31.975 E	-1.389 D	25.743	1439.1
31.4	31.40	31.968 E	-1.390 D	25.737	1439.1
32.4	32.40	31.986 E	-1.382 D	25.751	1439.2
33.4	33.40	31.989 E	-1.380 D	25.754	1439.2
34.4	34.40	32.003 E	-1.382 D	25.765	1439.2
35.4	35.40	32.029 E	-1.383 D	25.787	1439.3
36.4	36.40	32.048 E	-1.382 D	25.801	1439.3
37.4	37.40	32.062 E	-1.371 D	25.813	1439.4
38.4	38.40	32.071 E	-1.352 D	25.819	1439.5
39.4	39.40	32.106 E	-1.356 D	25.848	1439.6
40.4	40.40	32.151 E	-1.344 D	25.884	1439.7
41.4	41.40	32.174 E	-1.337 D	25.903	1439.8
42.4	42.40	32.207 E	-1.336 D	25.930	1439.9
43.4	43.40	32.246 E	-1.338 D	25.961	1439.9
44.4	44.40	32.286 E	-1.349 D	25.994	1440.0
45.4	45.40	32.325 E	-1.357 D	26.025	1440.0
46.4	46.40	32.371 E	-1.372 D	26.063	1440.0
47.4	47.40	32.418 E	-1.386 D	26.101	1440.0
48.4	48.40	32.470 E	-1.397 D	26.144	1440.1
49.4	49.40	32.515 E	-1.415 D	26.180	1440.0
50.4	50.40	32.561 E	-1.442 D	26.218	1440.0
51.4	51.40	32.594 E	-1.445 D	26.245	1440.0
52.4	52.40	32.632 E	-1.436 D	26.276	1440.2
53.4	53.40	32.674 E	-1.467 D	26.310	1440.1
54.4	54.40	32.697 E	-1.481 D	26.330	1440.1
55.4	55.40	32.722 E	-1.484 D	26.350	1440.1
56.4	56.40	32.787 E	-1.487 D	26.403	1440.2
57.4	57.40	32.810 E	-1.492 D	26.421	1440.2
58.4	58.40	32.861 E	-1.492 D	26.463	1440.3
59.4	59.40	32.899 E	-1.486 D	26.493	1440.4
60.4	60.40	32.921 E	-1.473 D	26.511	1440.5
61.4	61.40	32.948 E	-1.475 D	26.533	1440.6
62.4	62.40	32.972 E	-1.468 D	26.552	1440.7
63.4	63.40	32.993 E	-1.469 D	26.569	1440.7
64.4	64.40	33.013 E	-1.450 D	26.585	1440.8
65.4	65.40	33.036 E	-1.443 D	26.604	1440.9

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
66.4	66.40	33.073 E	-1.440 D	26.633	1441.0
67.4	67.40	33.096 E	-1.416 D	26.651	1441.2
68.4	68.40	33.121 E	-1.396 D	26.671	1441.3
69.4	69.40	33.150 E	-1.401 D	26.695	1441.3
70.4	70.40	33.167 E	-1.376 D	26.707	1441.5
71.4	71.40	33.200 E	-1.368 D	26.734	1441.6
72.4	72.40	33.216 E	-1.331 D	26.746	1441.8
73.4	73.40	33.256 E	-1.348 D	26.779	1441.8
74.4	74.40	33.290 E	-1.368 D	26.807	1441.8
75.4	75.40	33.310 E	-1.377 D	26.823	1441.8
76.4	76.40	33.323 E	-1.374 D	26.834	1441.8
77.4	77.40	33.366 E	-1.386 D	26.869	1441.8
78.4	78.40	33.377 E	-1.389 D	26.878	1441.9
79.4	79.40	33.375 E	-1.328 D	26.874	1442.2
80.4	80.40	33.414 E	-1.379 D	26.908	1442.0
81.4	81.40	33.443 E	-1.437 D	26.932	1441.8
83.4	83.40	33.449 E	-1.394 D	26.936	1442.0
85.4	85.40	33.474 E	-1.200 D	26.951	1443.0
86.4	86.40	33.484 E	-1.151 D	26.958	1443.3
87.4	87.40	33.518 E	-1.144 D	26.985	1443.4
88.4	88.40	33.527 E	-1.113 D	26.991	1443.5
89.4	89.40	33.543 E	-1.108 D	27.004	1443.6
90.4	90.40	33.555 E	-1.065 D	27.013	1443.8
91.4	91.40	33.572 E	-1.040 D	27.025	1444.0
92.4	92.40	33.587 E	-1.015 D	27.036	1444.1
93.4	93.40	33.602 E	-0.996 D	27.048	1444.3
94.4	94.40	33.617 E	-0.971 D	27.059	1444.4
95.4	95.40	33.632 E	-0.950 D	27.071	1444.6
96.4	96.40	33.647 E	-0.936 D	27.082	1444.7
97.4	97.40	33.656 E	-0.924 D	27.089	1444.7
98.4	98.40	33.664 E	-0.916 D	27.095	1444.8
99.4	99.40	33.674 E	-0.907 D	27.103	1444.9
100.4	100.40	33.688 E	-0.891 D	27.114	1445.0
101.4	101.40	33.699 E	-0.879 D	27.123	1445.1
102.4	102.40	33.713 E	-0.872 D	27.133	1445.1
103.4	103.40	33.719 E	-0.862 D	27.138	1445.2
104.4	104.40	33.731 E	-0.854 D	27.147	1445.3
105.4	105.40	33.738 D	-0.846 C	27.153	1445.3
106.4	106.40	33.752 D	-0.838 C	27.164	1445.4
107.4	107.40	33.762 D	-0.827 C	27.172	1445.5
108.4	108.40	33.771 D	-0.823 C	27.179	1445.6
109.4	109.40	33.783 D	-0.817 C	27.188	1445.6
110.4	110.40	33.792 D	-0.806 C	27.195	1445.7
111.4	111.40	33.808 D	-0.794 C	27.208	1445.8
112.4	112.40	33.816 D	-0.789 C	27.214	1445.8
113.4	113.40	33.826 D	-0.783 C	27.221	1445.9
114.4	114.40	33.832 D	-0.775 C	27.226	1446.0
115.4	115.40	33.845 D	-0.769 C	27.237	1446.0
116.4	116.40	33.850 D	-0.764 C	27.240	1446.1
117.4	117.40	33.858 D	-0.760 C	27.246	1446.1
118.4	118.40	33.862 D	-0.756 C	27.250	1446.2
119.4	119.40	33.871 D	-0.748 C	27.257	1446.2
120.4	120.40	33.879 D	-0.744 C	27.263	1446.3
121.4	121.40	33.887 D	-0.738 C	27.269	1446.3
122.4	122.40	33.895 D	-0.732 C	27.275	1446.4
123.4	123.40	33.903 D	-0.727 C	27.281	1446.4
124.4	124.40	33.910 D	-0.718 C	27.287	1446.5
125.4	125.40	33.923 D	-0.710 C	27.297	1446.6
126.4	126.40	33.932 D	-0.704 C	27.305	1446.6
127.4	127.40	33.939 D	-0.698 C	27.310	1446.7
128.4	128.40	33.945 D	-0.694 C	27.315	1446.7
129.4	129.40	33.953 D	-0.687 C	27.320	1446.8
130.4	130.40	33.958 D	-0.679 C	27.325	1446.8
131.4	131.40	33.971 D	-0.674 C	27.335	1446.9
132.4	132.40	33.976 D	-0.669 C	27.338	1447.0
133.4	133.40	33.984 D	-0.663 C	27.345	1447.0
134.4	134.40	33.991 D	-0.658 C	27.350	1447.1
135.4	135.40	34.001 D	-0.652 C	27.358	1447.1
136.4	136.40	34.006 D	-0.647 C	27.362	1447.2
137.4	137.40	34.013 D	-0.641 C	27.367	1447.2

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
138.4	138.40	34.021 D	-0.636 C	27.373	1447.3
139.4	139.40	34.025 D	-0.632 C	27.376	1447.3
140.4	140.40	34.036 D	-0.625 C	27.385	1447.4
141.4	141.40	34.042 D	-0.621 C	27.390	1447.4
142.4	142.40	34.046 D	-0.613 C	27.393	1447.5
143.4	143.40	34.054 D	-0.608 C	27.399	1447.5
144.4	144.40	34.059 D	-0.606 C	27.403	1447.6
145.4	145.40	34.065 D	-0.600 C	27.408	1447.6
146.4	146.40	34.073 D	-0.595 C	27.414	1447.7
147.4	147.40	34.079 D	-0.587 C	27.418	1447.7
148.4	148.40	34.088 D	-0.579 C	27.425	1447.8
149.4	149.40	34.098 D	-0.571 C	27.433	1447.9
150.4	150.40	34.108 D	-0.566 C	27.441	1447.9
151.4	151.40	34.112 D	-0.562 C	27.444	1447.9
152.4	152.40	34.119 D	-0.555 C	27.450	1448.0
153.4	153.40	34.133 D	-0.542 C	27.460	1448.1
154.4	154.40	34.142 D	-0.536 C	27.467	1448.2
155.4	155.40	34.152 D	-0.526 C	27.475	1448.2
156.4	156.40	34.167 D	-0.515 C	27.486	1448.3
157.4	157.40	34.173 D	-0.507 C	27.491	1448.4
158.4	158.40	34.186 D	-0.494 C	27.501	1448.5

EXPERIMENT 770



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 770

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 200473

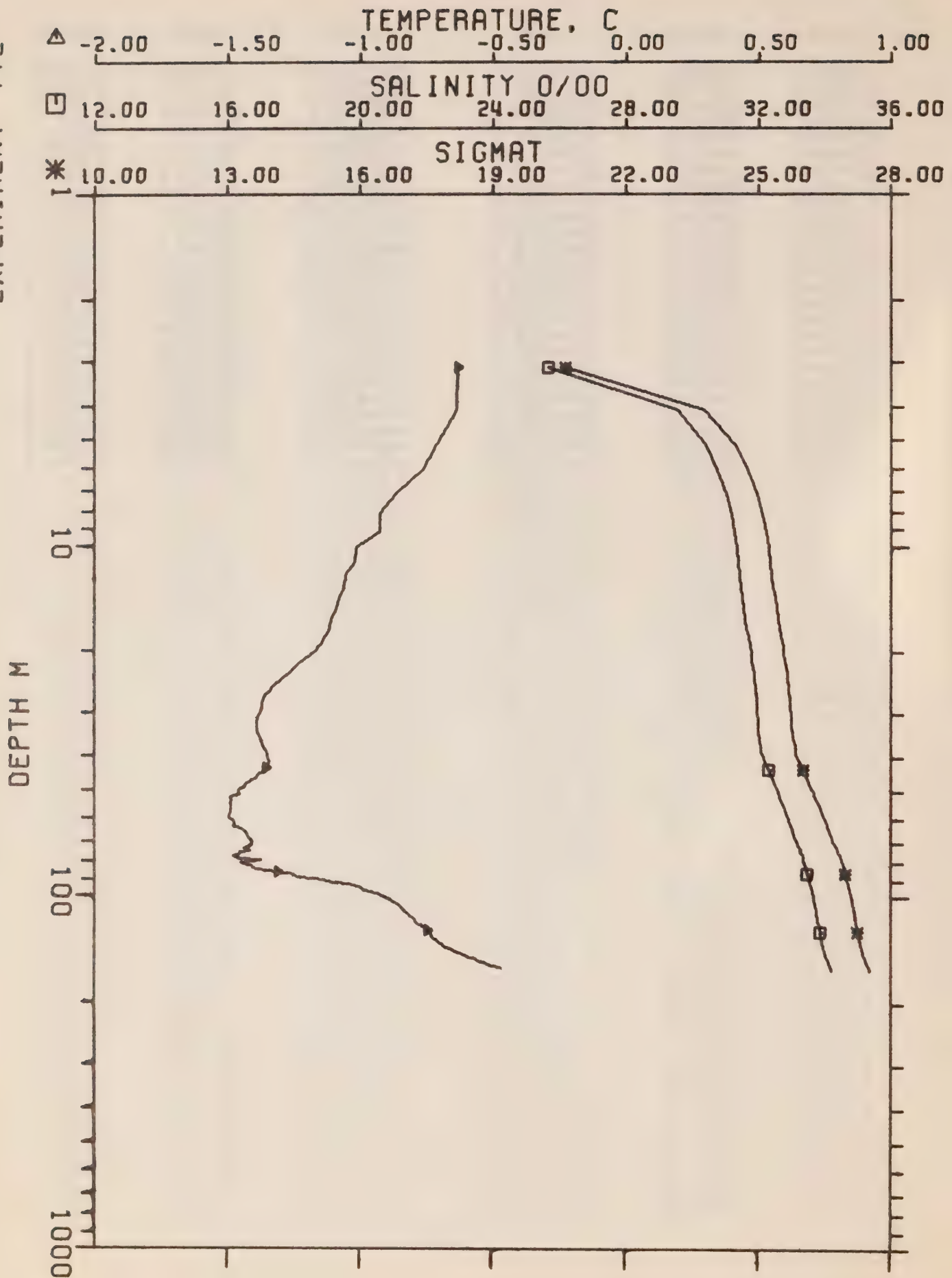
LOCAL TIME 1030

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
3.0	3.02	25.862 E	-0.583 D	20.791	1434.0
4.0	3.99	29.471 E	-0.671 D	23.702	1438.6
5.0	5.02	30.299 E	-0.708 D	24.371	1439.6
6.0	6.12	30.702 E	-0.796 D	24.699	1439.7
7.0	7.23	30.927 E	-0.868 D	24.883	1439.7
8.0	8.17	31.103 E	-0.942 D	25.027	1439.6
9.0	9.20	31.212 E	-0.921 D	25.114	1439.9
10.0	10.44	31.313 E	-1.044 D	25.199	1439.5
11.0	11.52	31.371 E	-1.042 D	25.246	1439.6
12.0	13.06	31.420 E	-1.055 D	25.286	1439.6
13.0	13.45	31.479 E	-1.065 D	25.334	1439.7
14.0	14.75	31.522 E	-1.079 D	25.369	1439.7
15.0	15.43	31.558 E	-1.092 D	25.398	1439.7
16.0	16.65	31.601 E	-1.108 D	25.433	1439.7
17.0	17.79	31.642 E	-1.112 D	25.466	1439.7
18.0	18.59	31.686 E	-1.130 D	25.503	1439.7
19.0	19.39	31.735 E	-1.155 D	25.543	1439.7
20.0	20.42	31.779 E	-1.189 D	25.579	1439.6
21.0	21.44	31.806 E	-1.212 D	25.602	1439.5
22.0	22.45	31.824 E	-1.240 D	25.617	1439.5
23.0	23.48	31.845 E	-1.258 D	25.635	1439.4
24.0	24.50	31.865 E	-1.280 D	25.651	1439.4
25.0	25.52	31.886 E	-1.311 D	25.669	1439.3
26.0	26.60	31.904 E	-1.335 D	25.684	1439.2
27.0	27.58	31.917 E	-1.351 D	25.695	1439.2
28.0	28.58	31.936 E	-1.360 D	25.710	1439.2
29.0	29.83	31.952 E	-1.380 D	25.724	1439.1
30.0	31.11	31.962 E	-1.388 D	25.732	1439.1
31.0	31.95	31.970 E	-1.386 D	25.739	1439.1
32.0	32.96	31.973 E	-1.381 D	25.741	1439.2
33.0	33.86	31.983 E	-1.387 D	25.749	1439.2
34.0	34.74	32.005 E	-1.383 D	25.767	1439.2
35.0	36.14	32.015 E	-1.377 D	25.775	1439.3
36.0	37.14	32.039 E	-1.374 D	25.794	1439.4
37.0	37.96	32.057 E	-1.373 D	25.809	1439.4
38.0	38.84	32.082 E	-1.359 D	25.829	1439.5
39.0	39.61	32.110 E	-1.356 D	25.851	1439.6
40.0	40.74	32.147 E	-1.349 D	25.881	1439.7
41.0	41.75	32.173 E	-1.337 D	25.902	1439.8
42.0	42.78	32.204 E	-1.341 D	25.927	1439.9
43.0	43.79	32.282 E	-1.357 D	25.991	1439.9
44.0	44.82	32.335 E	-1.367 D	26.034	1439.9
45.0	45.88	32.386 E	-1.379 D	26.075	1440.0
46.0	46.89	32.432 E	-1.393 D	26.113	1440.0
47.0	47.99	32.474 E	-1.406 D	26.147	1440.0
48.0	48.94	32.517 E	-1.420 D	26.182	1440.0
49.0	50.21	32.548 E	-1.430 D	26.208	1440.0
50.0	51.46	32.595 E	-1.445 D	26.246	1440.1
51.0	52.41	32.633 E	-1.461 D	26.277	1440.0
52.0	53.26	32.665 E	-1.462 D	26.303	1440.1
53.0	54.23	32.700 E	-1.473 D	26.331	1440.1
54.0	55.58	32.725 E	-1.482 D	26.352	1440.1
55.0	56.61	32.766 E	-1.487 D	26.385	1440.2
56.0	57.53	32.789 E	-1.490 D	26.404	1440.2
57.0	58.29	32.814 E	-1.490 D	26.424	1440.3
58.0	59.67	32.849 E	-1.490 D	26.453	1440.3
59.0	60.21	32.877 E	-1.482 D	26.475	1440.4
60.0	61.12	32.909 E	-1.485 D	26.502	1440.5
61.0	62.20	32.940 E	-1.481 D	26.527	1440.5
62.0	63.25	32.966 E	-1.469 D	26.547	1440.7
63.0	64.20	32.996 E	-1.468 D	26.571	1440.7
64.0	65.25	33.020 E	-1.452 D	26.590	1440.8
65.0	66.25	33.046 E	-1.439 D	26.611	1441.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
66.0	67.30	33.074 E	-1.424 D	26.634	1441.1
67.0	68.30	33.108 E	-1.417 D	26.661	1441.2
68.0	69.35	33.137 E	-1.396 D	26.684	1441.3
69.0	70.35	33.166 E	-1.393 D	26.707	1441.4
70.0	71.95	33.196 E	-1.401 D	26.732	1441.4
71.0	72.75	33.214 E	-1.399 D	26.746	1441.5
72.0	73.90	33.235 E	-1.390 D	26.763	1441.6
73.0	74.60	33.265 E	-1.406 D	26.788	1441.6
74.0	75.90	33.295 E	-1.391 D	26.812	1441.7
75.0	76.95	33.315 E	-1.378 D	26.828	1441.8
76.0	77.60	33.348 E	-1.427 D	26.855	1441.6
77.0	79.05	33.361 E	-1.454 D	26.867	1441.5
78.0	79.80	33.380 E	-1.466 D	26.883	1441.5
79.0	81.00	33.383 E	-1.366 D	26.882	1442.0
80.0	81.30	33.415 E	-1.392 D	26.909	1441.9
81.0	82.70	33.422 E	-1.367 D	26.914	1442.1
82.0	83.65	33.450 E	-1.432 D	26.938	1441.8
83.0	84.75	33.459 E	-1.422 D	26.945	1441.9
84.0	85.70	33.462 E	-1.325 D	26.945	1442.4
85.0	86.75	33.467 E	-1.219 D	26.946	1442.9
86.0	87.80	33.506 E	-1.331 D	26.981	1442.5
87.0	88.80	33.499 E	-1.160 D	26.970	1443.3
88.0	89.90	33.517 E	-1.122 D	26.983	1443.5
89.0	91.00	33.546 E	-1.187 D	27.009	1443.3
90.0	91.10	33.556 E	-1.127 D	27.015	1443.5
91.0	93.10	33.563 E	-1.065 D	27.019	1443.9
92.0	94.35	33.582 E	-1.062 D	27.034	1443.9
93.0	95.45	33.599 E	-1.043 D	27.047	1444.1
94.0	96.45	33.608 E	-1.023 D	27.054	1444.2
95.0	97.40	33.615 E	-0.987 D	27.058	1444.4
96.0	98.45	33.630 E	-0.965 D	27.070	1444.5
97.0	99.30	33.637 E	-0.953 D	27.075	1444.6
98.0	100.00	33.650 E	-0.935 D	27.085	1444.7
99.0	101.40	33.663 E	-0.923 D	27.095	1444.8
100.0	102.45	33.675 E	-0.906 D	27.104	1444.9
101.0	102.90	33.688 E	-0.893 D	27.114	1445.0
102.0	104.10	33.691 E	-0.882 D	27.116	1445.1
103.0	105.10	33.702 E	-0.876 D	27.125	1445.2
104.0	106.10	33.708 E	-0.868 D	27.130	1445.2
105.0	107.15	33.716 E	-0.859 D	27.136	1445.3
106.0	108.10	33.728 D	-0.852 C	27.145	1445.4
107.0	109.20	33.735 D	-0.847 C	27.151	1445.4
108.0	110.15	33.745 D	-0.840 C	27.158	1445.5
109.0	111.30	33.754 D	-0.834 C	27.165	1445.5
110.0	112.35	33.761 D	-0.828 C	27.171	1445.6
111.0	113.25	33.768 D	-0.822 C	27.177	1445.6
112.0	114.00	33.774 D	-0.814 C	27.181	1445.7
113.0	115.45	33.787 D	-0.807 C	27.191	1445.8
114.0	116.55	33.793 D	-0.800 C	27.196	1445.8
115.0	117.40	33.805 D	-0.793 C	27.205	1445.9
116.0	118.75	33.813 D	-0.788 C	27.211	1445.9
117.0	119.70	33.818 D	-0.784 C	27.215	1446.0
118.0	120.35	33.825 D	-0.782 C	27.221	1446.0
119.0	121.90	33.827 D	-0.778 C	27.223	1446.1
120.0	122.40	33.834 D	-0.776 C	27.228	1446.1
121.0	123.55	33.837 D	-0.771 C	27.230	1446.1
122.0	124.85	33.847 D	-0.764 C	27.238	1446.2
123.0	125.45	33.854 D	-0.757 C	27.244	1446.3
124.0	126.50	33.863 D	-0.752 C	27.250	1446.3
125.0	127.65	33.871 D	-0.747 C	27.257	1446.4
126.0	128.75	33.877 D	-0.742 C	27.261	1446.4
127.0	129.70	33.885 D	-0.736 C	27.267	1446.5
128.0	130.70	33.894 D	-0.729 C	27.275	1446.5
129.0	131.75	33.903 D	-0.723 C	27.281	1446.6
130.0	132.70	33.908 D	-0.717 C	27.285	1446.6
131.0	133.70	33.915 D	-0.713 C	27.291	1446.7
132.0	134.75	33.925 D	-0.707 C	27.298	1446.7
133.0	135.30	33.937 D	-0.697 C	27.309	1446.8
134.0	137.10	33.947 D	-0.687 C	27.316	1446.9
135.0	138.20	33.960 D	-0.678 C	27.326	1447.0

DEPTH	PRESS	SAL	TEMP	SIGMAT	SOUND
136.0	139.15	33.971 D	-0.671 C	27.335	1447.0
137.0	140.15	33.974 D	-0.665 C	27.337	1447.1
138.0	141.30	33.985 D	-0.659 C	27.345	1447.2
139.0	142.15	33.999 D	-0.647 C	27.356	1447.2
140.0	142.80	34.005 D	-0.641 C	27.361	1447.3
141.0	144.10	34.013 D	-0.634 C	27.367	1447.4
142.0	144.90	34.024 D	-0.627 C	27.376	1447.4
143.0	145.85	34.034 D	-0.621 C	27.383	1447.5
144.0	146.75	34.037 D	-0.616 C	27.385	1447.5
145.0	147.85	34.045 D	-0.610 C	27.392	1447.6
146.0	148.80	34.056 D	-0.600 C	27.401	1447.7
147.0	149.75	34.070 D	-0.589 C	27.411	1447.7
148.0	150.75	34.085 D	-0.575 C	27.423	1447.8
149.0	152.05	34.098 D	-0.564 C	27.432	1447.9
150.0	152.95	34.108 D	-0.557 C	27.441	1448.0
151.0	154.15	34.116 D	-0.550 C	27.447	1448.1
152.0	154.90	34.128 D	-0.539 C	27.456	1448.1
153.0	155.85	34.146 D	-0.522 C	27.470	1448.3
154.0	156.90	34.158 D	-0.515 C	27.479	1448.3
155.0	158.45	34.166 D	-0.508 C	27.485	1448.4
156.0	159.40	34.181 D	-0.499 C	27.497	1448.5
157.0	160.45	34.186 D	-0.488 C	27.501	1448.5
158.0	160.95	34.200 D	-0.476 C	27.511	1448.6
159.0	162.45	34.213 D	-0.467 C	27.521	1448.7
160.0	163.20	34.222 D	-0.457 C	27.528	1448.8

EXPERIMENT 772



CRUISE 15-73-012

D'IBERVILLE FIORD-73

EXPER. NO. 772

LAT. N80 35.5

LONG. W79 34.0

WATER DEPTH 166

DEPTH INCR. 1.00

DATE 210473

LOCAL TIME 1030

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
3.1	3.10	25.698 E	-0.632 D	20.659	1433.5
4.1	4.10	29.544 E	-0.634 D	23.760	1438.8
5.1	5.10	30.418 E	-0.710 D	24.467	1439.7
6.1	6.10	30.765 E	-0.764 D	24.748	1440.0
7.1	7.10	31.043 E	-0.864 D	24.976	1439.9
8.1	8.10	31.190 E	-0.927 D	25.096	1439.8
9.1	9.10	31.281 E	-0.926 D	25.170	1440.0
10.1	10.10	31.356 E	-1.017 D	25.233	1439.7
11.1	11.10	31.398 E	-1.018 D	25.267	1439.7
12.1	12.10	31.444 E	-1.054 D	25.305	1439.6
13.1	13.10	31.482 E	-1.060 D	25.336	1439.7
14.1	14.10	31.540 E	-1.082 D	25.383	1439.7
15.1	15.10	31.573 E	-1.088 D	25.410	1439.7
16.1	16.10	31.619 E	-1.108 D	25.448	1439.7
17.1	17.10	31.659 E	-1.115 D	25.480	1439.7
18.1	18.10	31.708 E	-1.128 D	25.520	1439.8
19.1	19.10	31.761 E	-1.149 D	25.564	1439.7
20.1	20.10	31.785 E	-1.176 D	25.584	1439.7
21.1	21.10	31.817 E	-1.210 D	25.610	1439.6
22.1	22.10	31.841 E	-1.241 D	25.631	1439.5
23.1	23.10	31.868 E	-1.272 D	25.653	1439.4
24.1	24.10	31.887 E	-1.298 D	25.670	1439.3
25.1	25.10	31.906 E	-1.325 D	25.686	1439.2
26.1	26.10	31.923 E	-1.346 D	25.700	1439.2
27.1	27.10	31.941 E	-1.365 D	25.715	1439.1
28.1	28.10	31.950 E	-1.370 D	25.722	1439.1
29.1	29.10	31.959 E	-1.371 D	25.729	1439.1
30.1	30.10	31.977 E	-1.382 D	25.744	1439.1
31.1	31.10	31.981 E	-1.392 D	25.748	1439.1
32.1	32.10	31.993 E	-1.392 D	25.757	1439.1
33.1	33.10	31.999 E	-1.390 D	25.762	1439.2
34.1	34.10	32.016 E	-1.383 D	25.775	1439.2
35.1	35.10	32.031 E	-1.376 D	25.788	1439.3
36.1	36.10	32.057 E	-1.368 D	25.809	1439.4
37.1	37.10	32.080 E	-1.365 D	25.827	1439.5
38.1	38.10	32.095 E	-1.354 D	25.839	1439.6
39.1	39.10	32.114 E	-1.347 D	25.855	1439.6
40.1	40.10	32.146 E	-1.348 D	25.880	1439.7
41.1	41.10	32.190 E	-1.342 D	25.915	1439.8
42.1	42.10	32.258 E	-1.347 D	25.971	1439.9
43.1	43.10	32.304 E	-1.353 D	26.008	1439.9
44.1	44.10	32.349 E	-1.365 D	26.045	1440.0
45.1	45.10	32.400 E	-1.383 D	26.087	1440.0
46.1	46.10	32.428 E	-1.395 D	26.110	1440.0
47.1	47.10	32.460 E	-1.417 D	26.136	1439.9
48.1	48.10	32.520 E	-1.436 D	26.185	1439.9
49.1	49.10	32.555 E	-1.440 D	26.213	1440.0
50.1	50.10	32.604 E	-1.461 D	26.253	1440.0
51.1	51.10	32.621 E	-1.452 D	26.267	1440.0
52.1	52.10	32.660 E	-1.491 D	26.300	1439.9
53.1	53.10	32.692 E	-1.487 D	26.326	1440.0
54.1	54.10	32.712 E	-1.492 D	26.342	1440.0
55.1	55.10	32.741 E	-1.487 D	26.365	1440.1
56.1	55.10	32.797 E	-1.483 D	26.411	1440.2
59.1	59.10	32.865 E	-1.493 D	26.466	1440.3
60.1	60.10	32.900 E	-1.488 D	26.495	1440.4
61.1	61.10	32.939 E	-1.476 D	26.526	1440.5
62.1	62.10	32.967 E	-1.472 D	26.548	1440.6
63.1	63.10	32.997 E	-1.478 D	26.572	1440.7
64.1	64.10	33.021 E	-1.445 D	26.591	1440.9
65.1	65.10	33.045 E	-1.436 D	26.610	1440.9
66.1	66.10	33.068 E	-1.427 D	26.629	1441.0
67.1	67.10	33.098 E	-1.421 D	26.653	1441.1

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
68.1	68.10	33.123 E	-1.415 D	26.673	1441.2
69.1	69.10	33.150 E	-1.404 D	26.694	1441.3
70.1	70.10	33.181 E	-1.404 D	26.719	1441.4
71.1	71.10	33.207 E	-1.411 D	26.741	1441.4
72.1	72.10	33.229 E	-1.408 D	26.759	1441.5
73.1	73.10	33.283 E	-1.441 D	26.803	1441.4
74.1	74.10	33.296 E	-1.408 D	26.813	1441.6
75.1	75.10	33.329 E	-1.453 D	26.841	1441.4
76.1	76.10	33.351 E	-1.458 D	26.859	1441.5
77.1	77.10	33.362 E	-1.478 D	26.869	1441.4
78.1	78.10	33.374 E	-1.461 D	26.877	1441.5
79.1	79.10	33.380 E	-1.368 D	26.880	1442.0
80.1	80.10	33.418 E	-1.450 D	26.913	1441.7
81.1	81.10	33.437 E	-1.435 D	26.928	1441.8
82.1	82.10	33.449 E	-1.410 D	26.937	1441.9
83.1	83.10	33.462 E	-1.402 D	26.948	1442.0
84.1	84.10	33.477 E	-1.384 D	26.959	1442.1
85.1	85.10	33.490 E	-1.310 D	26.968	1442.5
86.1	86.10	33.509 E	-1.277 D	26.982	1442.7
87.1	87.10	33.519 E	-1.245 D	26.989	1442.9
88.1	88.10	33.533 E	-1.235 D	27.000	1443.0
89.1	89.10	33.542 E	-1.169 D	27.005	1443.3
90.1	90.10	33.567 E	-1.141 D	27.024	1443.5
91.1	91.10	33.579 E	-1.094 D	27.033	1443.7
92.1	92.10	33.591 E	-1.042 D	27.041	1444.0
93.1	93.10	33.599 E	-1.023 D	27.047	1444.1
94.1	94.10	33.611 E	-1.001 D	27.056	1444.3
95.1	95.10	33.624 E	-0.987 D	27.066	1444.4
96.1	96.10	33.636 E	-0.983 D	27.075	1444.4
97.1	97.10	33.651 E	-0.955 D	27.086	1444.6
98.1	98.10	33.664 E	-0.938 D	27.096	1444.7
99.1	99.10	33.674 E	-0.920 D	27.104	1444.8
100.1	100.10	33.680 E	-0.914 D	27.108	1444.9
101.1	101.10	33.693 E	-0.896 D	27.119	1445.0
102.1	102.10	33.699 E	-0.882 D	27.123	1445.1
103.1	103.10	33.709 E	-0.877 D	27.130	1445.1
104.1	104.10	33.720 E	-0.869 D	27.139	1445.2
105.1	105.10	33.728 D	-0.859 C	27.145	1445.3
106.1	106.10	33.736 D	-0.851 C	27.151	1445.3
107.1	107.10	33.742 D	-0.845 C	27.156	1445.4
108.1	108.10	33.750 D	-0.840 C	27.162	1445.4
109.1	109.10	33.756 D	-0.833 C	27.167	1445.5
110.1	110.10	33.764 D	-0.828 C	27.174	1445.5
111.1	111.10	33.771 D	-0.822 C	27.178	1445.6
112.1	112.10	33.780 D	-0.817 C	27.186	1445.7
113.1	113.10	33.788 D	-0.810 C	27.192	1445.7
114.1	114.10	33.796 D	-0.804 C	27.198	1445.8
115.1	115.10	33.804 D	-0.797 C	27.204	1445.8
116.1	116.10	33.812 D	-0.792 C	27.210	1445.9
117.1	117.10	33.817 D	-0.788 C	27.214	1445.9
118.1	118.10	33.824 D	-0.784 C	27.220	1446.0
119.1	119.10	33.829 D	-0.780 C	27.224	1446.0
120.1	120.10	33.836 D	-0.773 C	27.230	1446.1
121.1	121.10	33.842 D	-0.766 C	27.234	1446.1
122.1	122.10	33.853 D	-0.762 C	27.243	1446.2
123.1	123.10	33.860 D	-0.756 C	27.248	1446.2
124.1	124.10	33.865 D	-0.751 C	27.252	1446.3
125.1	125.10	33.875 D	-0.747 C	27.260	1446.3
126.1	126.10	33.882 D	-0.743 C	27.265	1446.4
127.1	127.10	33.886 D	-0.737 C	27.269	1446.4
128.1	128.10	33.895 D	-0.732 C	27.276	1446.5
129.1	129.10	33.898 D	-0.728 C	27.278	1446.5
130.1	130.10	33.902 D	-0.724 C	27.281	1446.6
131.1	131.10	33.909 D	-0.720 C	27.287	1446.6
132.1	132.10	33.915 D	-0.714 C	27.291	1446.7
133.1	133.10	33.923 D	-0.710 C	27.298	1446.7
134.1	134.10	33.929 D	-0.704 C	27.302	1446.8
135.1	135.10	33.936 D	-0.699 C	27.307	1446.8
136.1	136.10	33.944 D	-0.695 C	27.314	1446.8
137.1	137.10	33.951 D	-0.686 C	27.319	1446.9

DEPTH	PRESS1	SAL	TEMP	SIGMAT	SOUND
138.1	138.10	33.961 D	-0.680 C	27.327	1447.0
139.1	139.10	33.968 D	-0.673 C	27.332	1447.0
140.1	140.10	33.976 D	-0.667 C	27.339	1447.1
141.1	141.10	33.986 D	-0.657 C	27.346	1447.2
142.1	142.10	33.998 D	-0.649 C	27.355	1447.2
143.1	143.10	34.006 D	-0.638 C	27.362	1447.3
144.1	144.10	34.022 D	-0.632 C	27.374	1447.4
145.1	145.10	34.029 D	-0.623 C	27.379	1447.4
146.1	146.10	34.036 D	-0.615 C	27.385	1447.5
147.1	147.10	34.052 D	-0.602 C	27.397	1447.6
148.1	148.10	34.065 D	-0.593 C	27.407	1447.7
149.1	149.10	34.076 D	-0.582 C	27.416	1447.8
150.1	150.10	34.087 D	-0.572 C	27.425	1447.8
151.1	151.10	34.101 D	-0.562 C	27.435	1447.9
152.1	152.10	34.112 D	-0.554 C	27.444	1448.0
153.1	153.10	34.118 D	-0.547 C	27.448	1448.1
154.1	154.10	34.136 D	-0.536 C	27.463	1448.1
155.1	155.10	34.145 D	-0.522 C	27.469	1448.2
156.1	156.10	34.161 D	-0.512 C	27.482	1448.3
157.1	157.10	34.174 D	-0.498 C	27.491	1448.4
158.1	158.10	34.187 D	-0.490 C	27.502	1448.5
159.1	159.10	34.201 D	-0.473 C	27.512	1448.6
160.1	160.10	34.214 D	-0.466 C	27.523	1448.7

AN EVALUATION OF THE MINI-RANGER POSITIONING SYSTEM

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ENVIRONMENT CANADA
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Victoria, B.C.

MARINE SCIENCES DIRECTORATE, PACIFIC REGION

PACIFIC MARINE SCIENCE REPORT NO. 73-11

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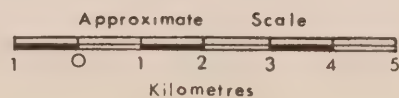
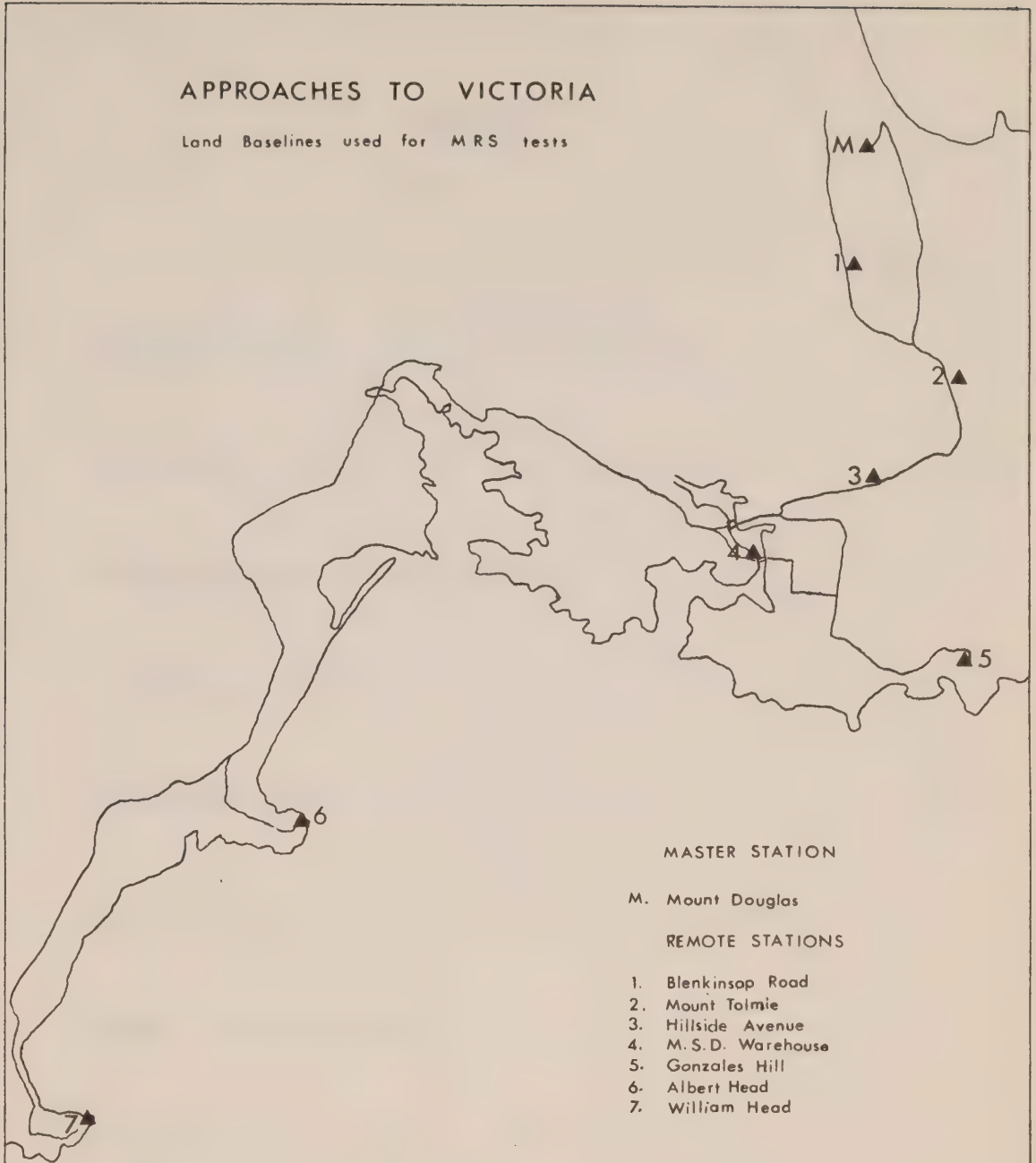
Marine Sciences Directorate, Pacific Region

Department of the Environment

September, 1973

APPROACHES TO VICTORIA

Land Baselines used for MRS tests



CONTENTS

	<u>Page</u>
Introduction.....	1
Equipment.....	2
Installation and Operation.....	3
Stability Tests.....	4
Precision Tests.....	7
Repeatability.....	9
Radar Interference.....	10
Conclusions.....	10
References.....	12
Illustrations and Appendices.....	13

ILLUSTRATIONS

Plate

Range Console, Receiver/Transmitter
and Radar Transponder.....

1

Figure

Mini-Ranger Stability Trials.....

1

Land Based Precision Tests.....

2

Sea Based Precision Tests.....

4

Combined Land and Sea Precision Tests

4

Precision of Averaged Readings.....

5

Total System Accuracy.....

6

APPENDICES

- I. Manufacturer's Specifications
- II. Tabulation of Land Based Tests
- III. Tabulation of Sea Based Tests

1. INTRODUCTION

The Motorola Mini-Ranger System (MRS) is a short range, line of sight distance measuring system. It operates on a pulsed radar principle using a C-band transmitter and measuring the time between transmitted and received pulses with a 30 Mhz counter. The system was purchased by the Marine Sciences Directorate, Pacific Region for use aboard survey launches in the Western Arctic and Pacific waters. The Hydrographic Development Group has evaluated the accuracy and stability of the system to a range of 21 kilometers.

Three types of tests were conducted. For stability the launch was navigated along an arc and the readings continually recorded. Since the launch could not be steered exactly on the arc, a curve was drawn to estimate the actual course of the launch and deviation of the distance readings about the curve were used as a measure of stability. For precision a set of readings on land points of known distances (by tellurometer) were recorded at intervals from 4 kilometers to 21 kilometers. Finally a set of readings aboard a survey launch were recorded simultaneously with three theodolite intersections. In this test two separate triangles were used to resolve the distance between the launch and shore based transponder and these were first compared to each other and then to the distance as measured by the MRS.

2. EQUIPMENT

The MRS consists of a transceiver, range console and antenna aboard the launch and two radar transponders located on shore. Manufacturer's specifications are included in Appendix I.

Receiver/Transmitter (Plate 1)

This unit consists of a C-band transmitter and a C-band receiver. The transmitter power is 400 watts at a frequency of 5570 Mhz. The receiver frequency is 5480 Mhz and its sensitivity is -70 dBm. The unit operates from 28 volts supplied by the range console.

The transmitter pulse is used to "start" the counter and to interrogate the transponders. The receiver when it receives the transmitted pulse from the transponder "stops" the counter.

Range Console (Plate 1)

This unit consists of an encoder/decoder, the distance measuring circuitry, a digital display (in metres), the parallel binary coded decimal (BCD) output and a power supply. The system's power consumption is 65 watts at 105-125 volts¹.

When the start pulse is received from the transmitter, the counter begins the count. After five interrogations and five transponder replies have been received, the counter

stops and the mean of the five readings is displayed.

Radar transponders (Plate 1)

These units are small compact units installed at known control points on land. The power requirements are 13 watts at 24-30 volts when operating and 8.5 watts in a quiescent mode.²

When pulse-coded interrogations are received from the transmitter aboard the launch, the signal is decoded and if the spacings are correct a reply is transmitted.

Antennae

Two types of antennae are used with the system. On board the launch is an omni-directional, 6 dB gain antenna. Its vertical beam pattern is 25 degrees, nominal. For the transponders at the shore stations, directional 13 dB gain antennae are used. The horizontal beam width to the half power points is 80°, i.e. $\pm 40^\circ$ from the centre of the beam pattern and the vertical beam width is 15°.

3. INSTALLATION AND OPERATION

The range console is a standard 19" rack installation weighing 28 pounds. A remote display is placed in a convenient position for viewing by the coxswain. The range console has only one display and alternates between the two transponders while the remote display is set to display one of

the two ranges. The single display was considered to be a potential drawback; however, in conjunction with the remote readout the alternating display turned out to be quite satisfactory.

The antenna is attached directly to the receiver/transmitter which was then attached to the top of a 10 foot mast.

Similar to the other inshore positioning systems, the shore stations are simple installations. The antenna/transponder is attached to a standard theodolite tripod and two 12 volt batteries are used for the power supply.

The system must first be calibrated at a known distance, and this distance should be one approximating the distance involved during the survey operation.

4. STABILITY TESTS

Two types of stability tests are presented. The first one which is the same as the stability tests of other inshore positioning systems involved steering the launch along an arc of equidistance from the transponder and continuously recording the MRS readings^{3,4,5}. The zero line was drawn through the points as an estimate of the actual launch course and the dispersion of the points about the line is the measure of range stability (Figure 1). The root mean square (RMS) values for ranges of 30, 20 and 10.5 kilometers

are ± 2.4 m, ± 1.1 m, and ± 1.2 m respectively. All of these readings were within $\pm 40^\circ$ of the centre of the beam pattern. From these values the combined RMS system stability within 30 kilometers is ± 1.7 m.

The second method of looking at stability is the dispersion about the mean of the land stations. The longest range used in these tests was 21.5 km and is the only one of significance for stability since the shorter ranges have equal or better stability than this range. At 0° (centre of the beam pattern) the RMS value is ± 1.1 m and at 90° it is also ± 1.1 m. These are slightly better than the first method, but are of the same order of magnitude.

The degradation of signal strength causing instability of the distance measurement is a function of the line of sight, the range capability of the system, the position of the vehicle in relation to the horizontal beam pattern of the transponder antenna and the vertical beam pattern of the launch antenna where the roll of the launch may result in the signal path being located at the edge of its beam pattern. Line of sight was maintained for all the tests, for example at 30 km the transponder was placed on a 400 foot hill. At this range there was no significant degradation of signal which indicates that the limit of range of the system was not reached. At 21.5 km and at 90° to the centre of the beam pattern of the transponder antenna

again no significant signal degradation was observed. So the limit of stable signal at 90° to the centre of the beam pattern at 21.5 km was not reached. Since the vertical beam pattern of the omnidirectional antenna aboard the launch is 25° nominal it should not cause any serious signal degradation under most sea states in which the launch would be operating. The longest range that the effect of roll was evaluated was 14 km and signal instability was not reached until 60° from the vertical.

One other phenomenon which can cause signal instability is what has been called the "ducting effect"⁶ or "signal cancellation".⁷ This is a multi-path effect where the direct and indirect energy received at the antenna is out of phase such that a strong reflected pulse 180° out of phase with the direct pulse can cause complete signal loss. In between, there can at least be signal instability. This may have been experienced at a range of 15 km on one test where a greater degree of instability was experienced on one run. It was repeated 2 hours later with the same result. The RMS values of these runs were ± 10.7 m and ± 7.7 m. The effect of signal cancellation is a localized effect and in the past has not been incorporated into the stability evaluation. However, it is a phenomenon that may cause significant positioning errors and requires further investigation. As in the past we will not include this in the overall stability value of

the system.

5. PRECISION TESTS

As with the stability tests, two types of tests were conducted to evaluate the system's precision - one set on land and the other on the water. On land the MRS measurements were compared with known distances up to a range of 21.5 km. These control points have been previously established by tellurometer measurements and triangulation with an accuracy of better than ± 0.5 m. On the water, three theodolite intersections were used to position the launch. Thus two distances could be calculated from two separate triangles and compared to each other - if their difference was 1 m or less, the mean of the two readings was used and if they differed by more than 1 m, the best triangle (geometrically) was used. Unfortunately, power supply and other problems entered into these tests, hence only the 0° test is shown. This test is tabulated in Appendix 3.

The land station results are tabulated in Appendix 2. At each station 10 readings were recorded at the centre of the beam pattern and then at angular increments of 10° or 20° relative to the centre of the beam pattern which was achieved by attaching an alidade to the transponder and rotating it at the required increments. The maximum range on the water was 12 km. Again, line of sight was maintained with the transponder located at an elevation of 5 metres.

Mortimer showed a systematic error as a function of range in the observed Trisponder distance measurements and also in the Motorola RPS with the Omni Antenna. This phenomenon was also observed in the tests with the MRS.

It has been traced to the characteristics of the delay between receive and transmit in the transponder as a function of signal strength. If under specific conditions the values of the systematic errors could be predicted then improved precision could be achieved. At present a separate study is underway to predict the system accuracy by a numerical model produced from transponder delay curves provided in the manufacturer's specifications. However, at present this error must be treated as a random error. It is this error which necessitates calibrating the system within the range that will be used for the survey.

An important characteristic of all positioning systems using the radar pulse technique is that the precision degrades before the limit of stable signal is reached. That is, the measured distance errors may increase beyond the accepted tolerance before instability can be observed on the numerical display. This is especially apparent with the MRS where negligible instability was observed during all the tests and yet the precision tests indicate a definite limit at say the ± 5 metres accuracy specification normally used for the survey.

Figures 2 and 3 show the results of the land based tests at increments of 0° , 20° , 40° , 60° , 80° and 90° . Figure 4 shows the water based tests for 0° and the combined land and sea tests for 0° . The total RMS value about the median for a 12 km range is ± 2.9 m and for the 21.5 km range it is ± 5.8 m. Figure 5 shows the precision contour for the system relative to the transponder antenna. It should be noted that these contours can be altered by changing the range at which the system is initially calibrated.

6. REPEATABILITY

Once the system is calibrated at a selected distance, repeated readings at this point determine the system's repeatability. In this case the repeated readings at the calibration distance (2 km) did not indicate any drift in the readings. However, previous experience with the systems indicates that a drift in the readings will occur as a result of the frequency drift of the magnetron due to crystal aging. This has been especially true during the first year of operation when the effect of aging on the frequency is greatest. Another result of this effect (since the system is functioning off frequency) is to reduce the effective range of the system. Weekly calibration checks appear to be sufficient to adjust for this error and in the error calculations of this report a value of ± 1 metre is used.

7. TOTAL SYSTEM ACCURACY

The total system RMS error within 12 km is:

$$\text{Total} = \sqrt{\frac{E_1^2}{1} + \frac{E_2^2}{2} + \frac{E_3^2}{3}} = \pm 3.5 \text{ m}$$

where E_1 = stability error

E_2 = precision error

E_3 = repeatability error

For 21.5 km it is ± 6.2 m (with calibration at 2 km).

Figure 6 shows the combined system accuracy contours for ± 3 , ± 5 , ± 7 and ± 10 metres. These are shown with -3 as the lower boundary because of the positive bias error curve resulting from the effect of the delay characteristics in the transponders.

8. RADAR INTERFERENCE

The system uses time coded pulses to eliminate interference from other C-band radars. In addition, C-band is not as commonly used in marine radar as X-band, consequently no radar interference was experienced during the trials.

9. CONCLUSIONS

The Mini-Ranger system used for these tests had been used the previous year on field survey where the accuracy requirements were not stringent, but portability was very important. The experience during the season indicates that the system is a versatile, reliable positioning system. It can be operated

with any two of four signal coded transponders. Therefore, three or four transponders can be placed at shore stations and the two transponder locations providing the best geometry would be used for the fix. Alternatively this capability facilitates the operation of two systems in close proximity. For most operations the power would be 70 ampere/hour lead acid batteries; with this supply the shore stations would require servicing once per week.

During the field season the frequency drift of the magnetrons without readjustment severely reduced the effective range of the system by the end of the season. However, the same problems have been encountered with the RPS systems and are related to aging of the crystals. After two years the frequency drift has been found to be negligible.

The full range of the system was not evaluated since our interests at this stage dealt with the ranges less than 15 km. However, the stability at 30 km indicates that with local calibration, accuracies would be possible of ± 5 m at this range. For a maximum range of 12 km the system can be set up with the centre of the beam pattern directly perpendicular to the shoreline and the system could be used to a range of 5 km along the shore.

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ILLUSTRATIONS

AND

APPENDICES

Plate 1



Range Console



Receiver/Transmitter



Radar Transponder

Figure 1

Mini-Ranger Stability Trials

TRANSPONDER NO.1 O

TRANSPONDER NO.2 ●

DISPERSION ABOUT THE LAUNCH TRACK

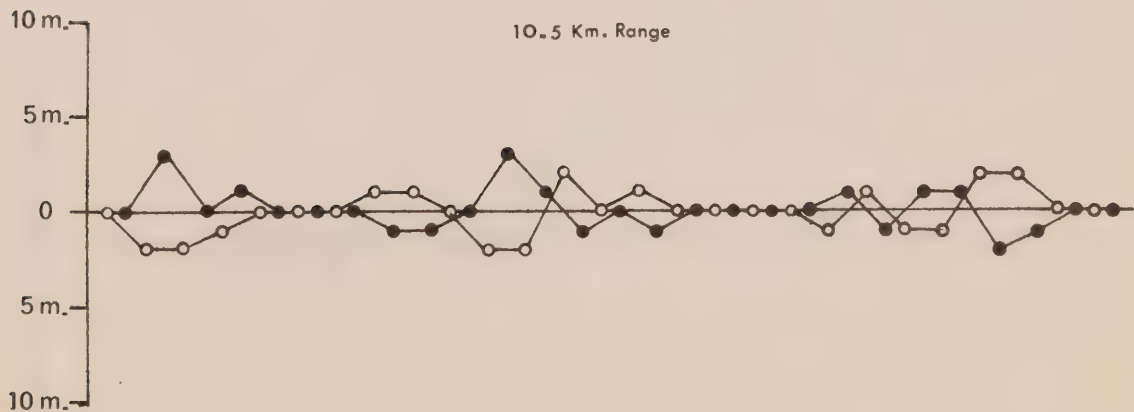
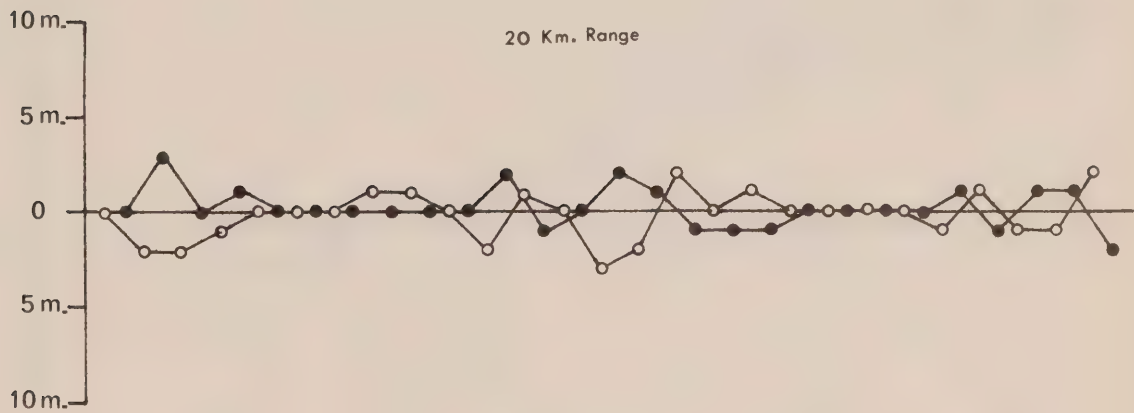


Figure 2

Land Based Precision Tests

TRANSPONDER NO. 1 ○

TRANSPONDER NO. 2 ●

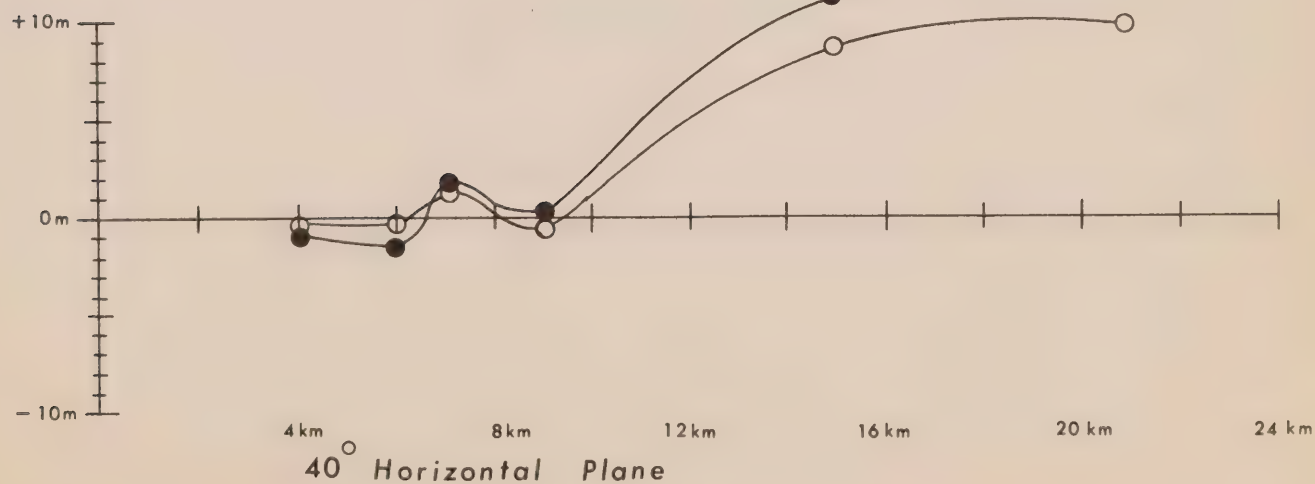
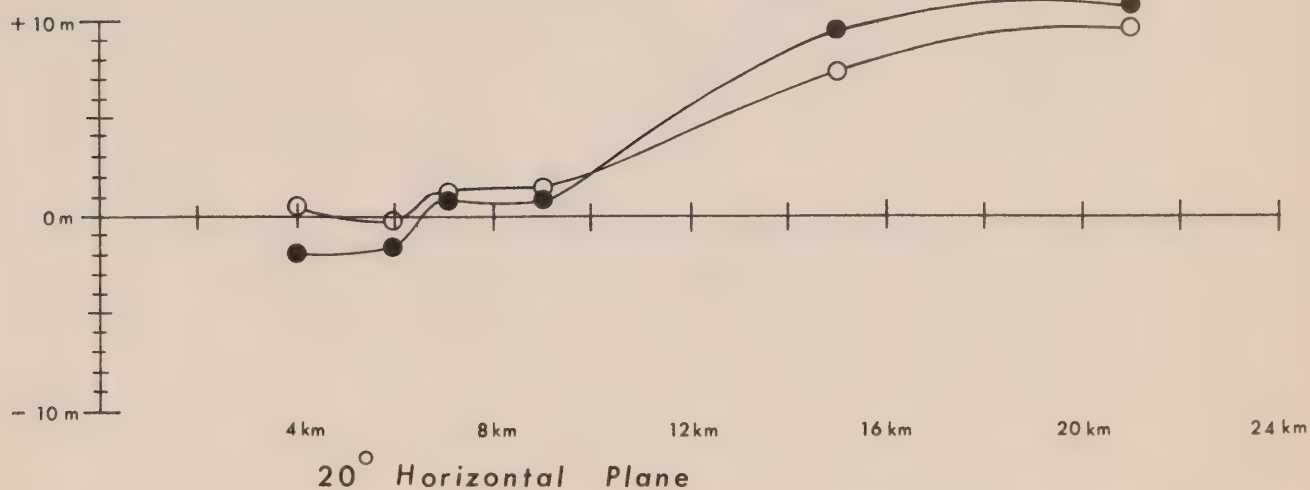
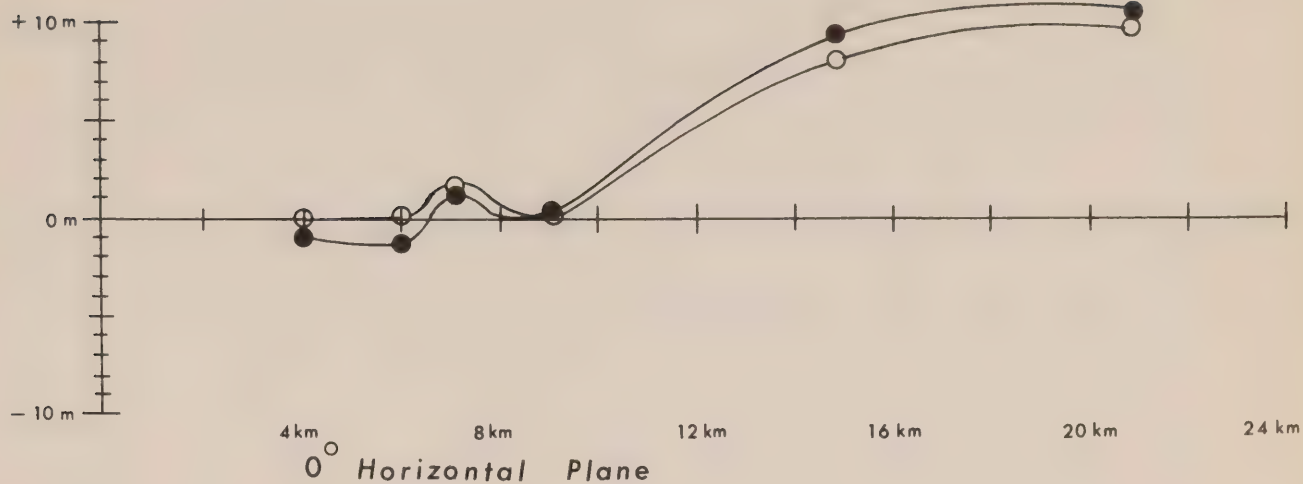


Figure 3

Land Based Precision Tests

TRANSPONDER NO. 1 ○

TRANSPONDER NO. 2 ●

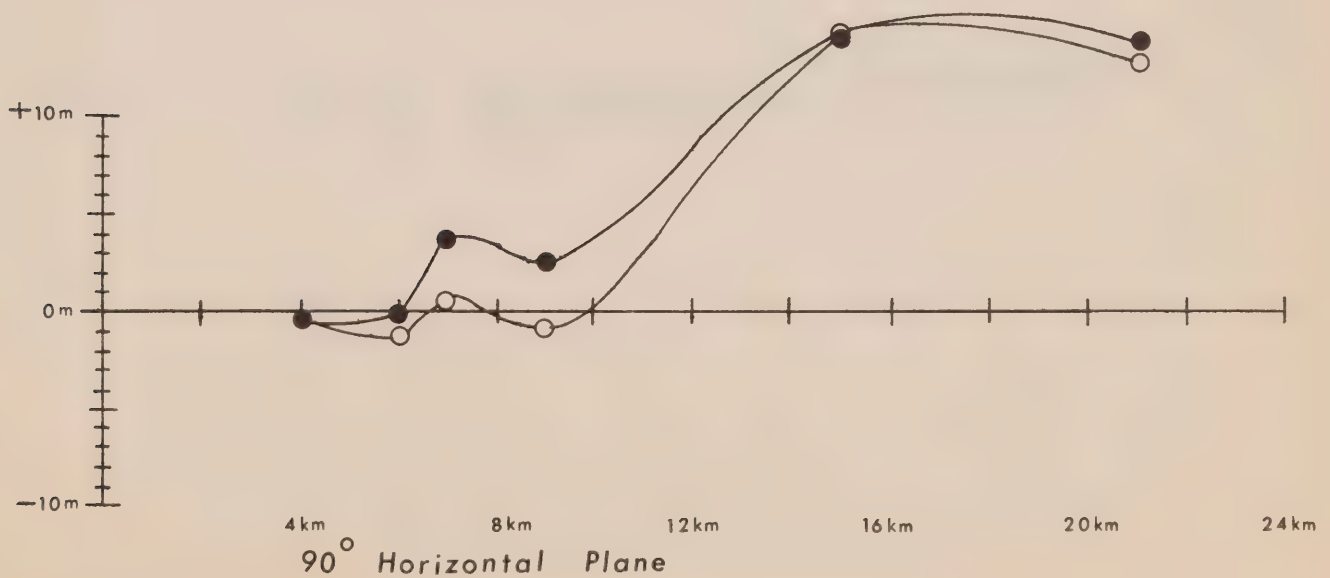
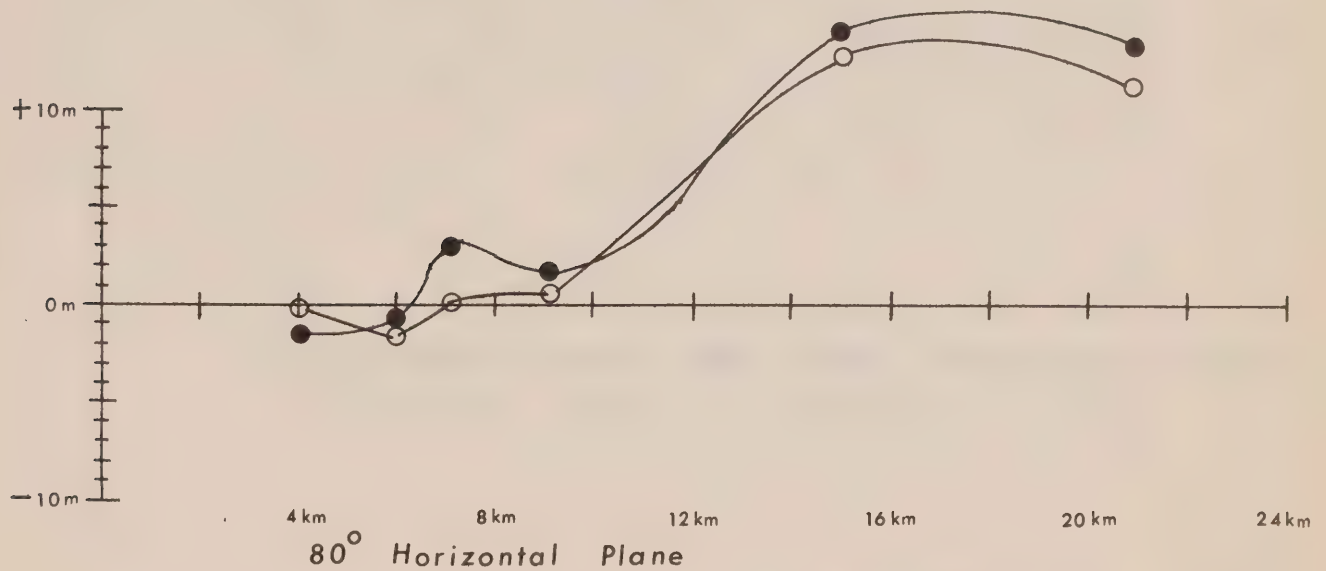
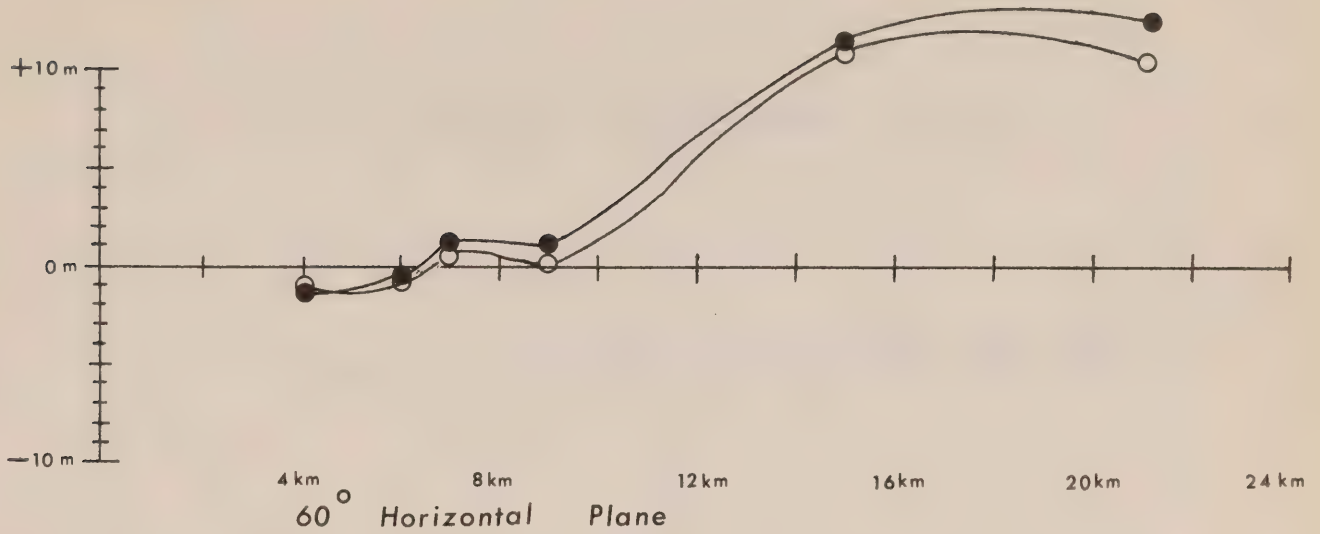
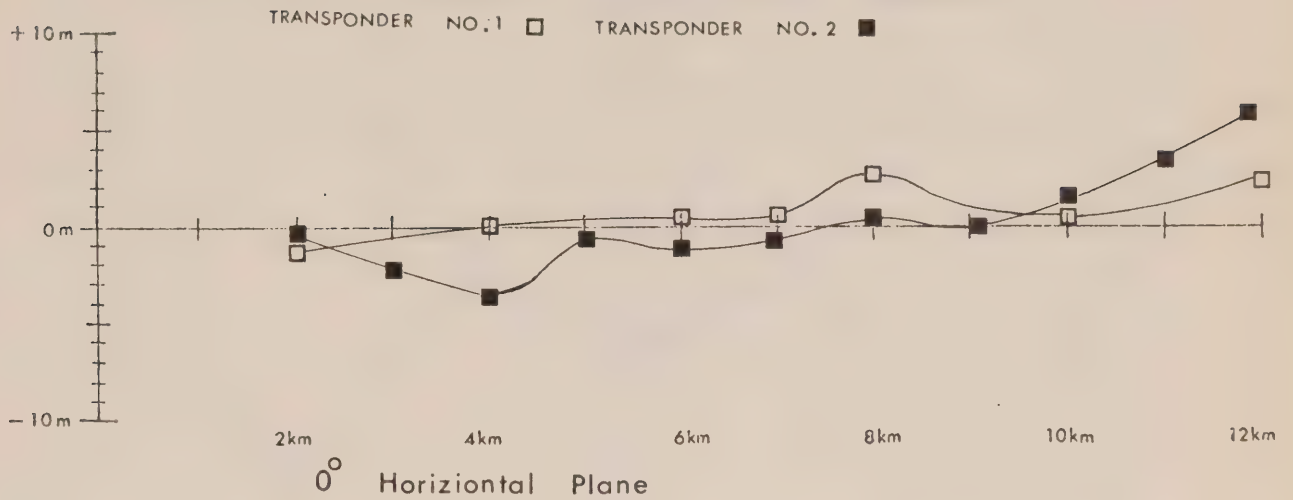


Figure 4

Sea Based Precision Tests



Combined Land and Sea Precision Tests

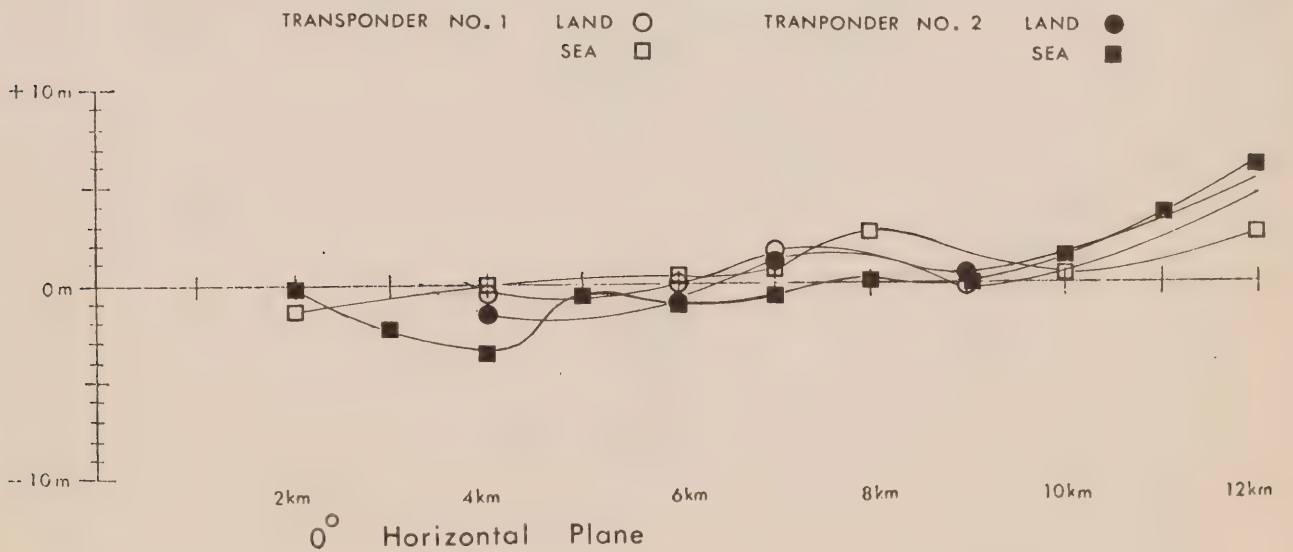


Figure 5

Precision of Averaged Readings

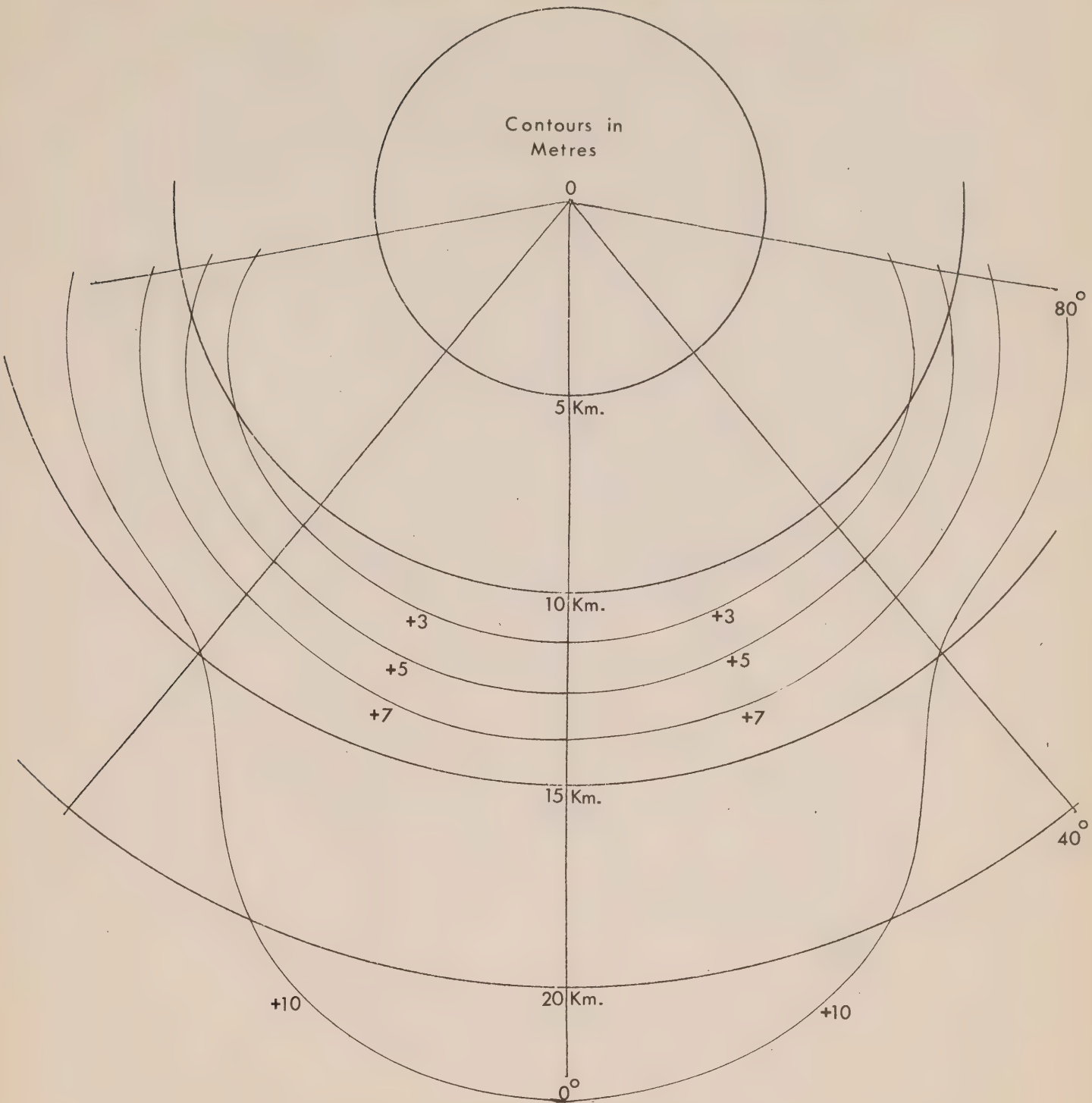
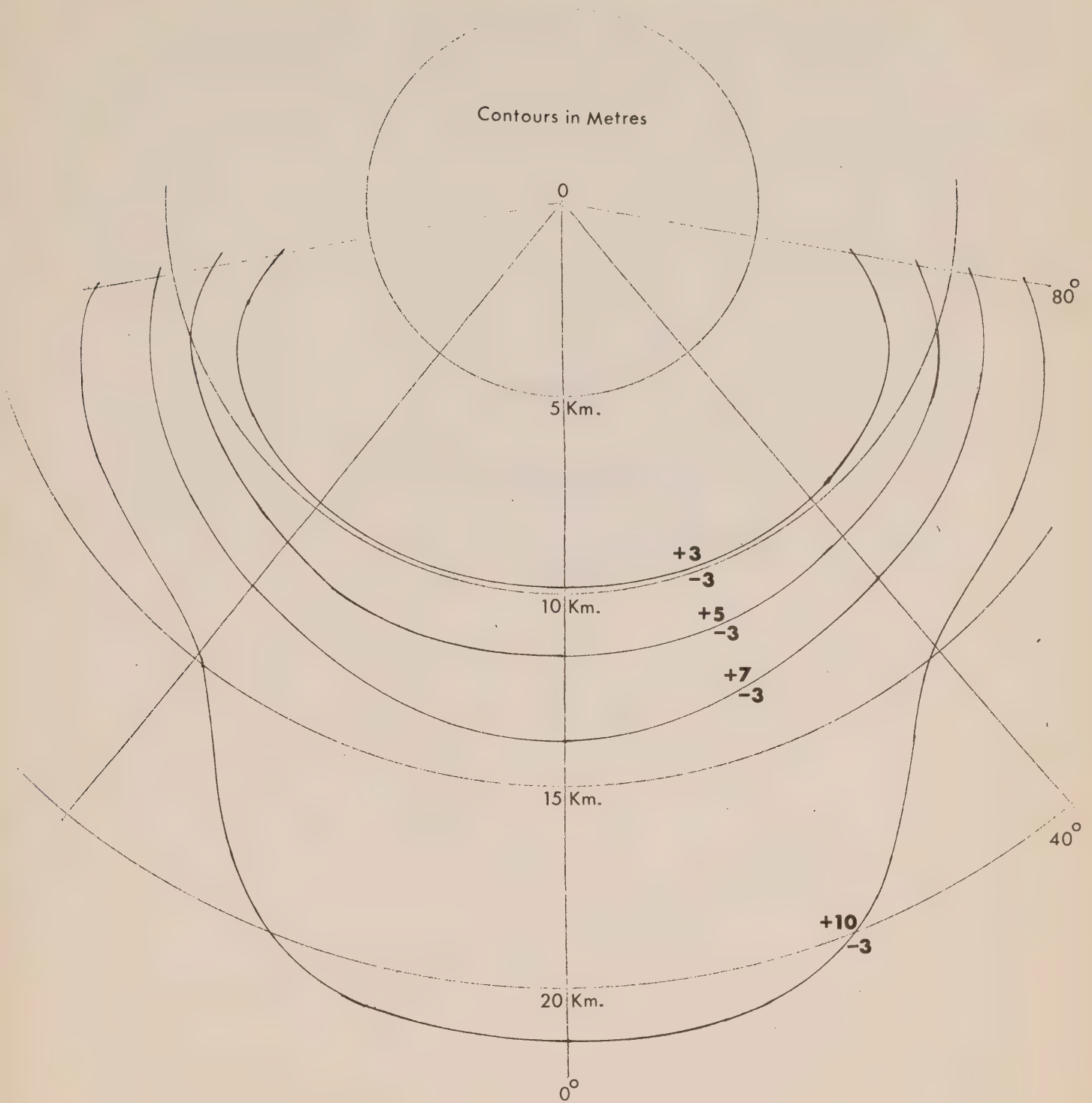


Figure 6

Total System Accuracy



APPENDIX I.

MANUFACTURERS SPECIFICATIONS

1-12 to 1-15 inclusive

1-10. RADAR TRANSPONDER UNITS

1-11. The solid-state radar transponders are installed at known locations and serve as reference points in the Mini-Ranger System. The two transponders receive pulse-coded interrogations from the on-board transmitter. The interrogations are decoded (if the pulse-spacings are correct) by each transponder, resulting in a transponder reply. The transponder interrogation and reply frequencies are outside the normal passband of radar receivers.

1-12. LEADING PARTICULARS

1-13. Leading particulars and capabilities of the equipment are given in tables 1-1 and 1-2.

Table 1-1. Leading Particulars

General				
a. Radar Transponder	Input voltage	24 to 30 volts dc		
	Power consumption	13 watts, nominal 8.5 watts, with low-current standby circuit (optional)		
b. Receiver/Transmitter	Input voltage	24 to 30 volts dc (floating), supplied by the Range Console		
	Power consumption	33 watts, nominal		
c. Range Console	Input voltage	105 to 125 volts ac; 50 to 400 Hz		
	Power consumption	65 watts, nominal (excluding R/T power consumption)		
Physical Characteristics				
	Dimensions (inches)			Weight (pounds)
	Width	Height	Length	
Radar Transponder	3.36	2.9	3.96	3.3
Transponder Antenna	1.0	9.0	6.0	1.2

Table 1-1. Leading Particulars (Contd)

Physical Characteristics (Contd)				
	Dimensions (inches)			Weight (pounds)
	Width	Height	Length	
Receiver/Transmitter (with support bracket)	6.25	5.25	9.5	8.0
R/T Antenna, Omni-directional	1.0	8.5	3.3	0.5
Range Console (chassis only)	19.0	5.22	16.94	28.5
Range Console Cabinet (dimensions include handles and mounting feet)	19.88	6.50	18.20	18.0

1-14. CAPABILITIES AND LIMITATIONS

1-15. The functional and environmental capabilities and limitations of the equipment are listed in table 1-2.

Table 1-2. Capabilities and Limitations

a. Radar Transponders	
(1) Receiver, frequency	5570 MHz (tunable)
(2) Receiver, bandwidth	18 MHz, nominal
(3) Receiver, sensitivity	-70 dBm
(4) Receiver, signal input (max.)	+20 dBm
(5) Transmitter, frequency	5480 MHz (tunable)
(6) Transmitter, power output (peak)	400 watts
(7) Transmitter, reply pulse	Single or coded
(8) Transmitter, reply pulse width	0.5 usec
(9) Operating temperature	-54°C to +71°C (-65°F to +160°F)

Table 1-2. Capabilities and Limitations (Contd)

b. Transponder Antenna (13 dB gain)	
(1) Frequency range	5400 to 5600 MHz
(2) Polarization	Horizontal
(3) Gain	13 dB, nominal
(4) Beam width (3 dB)	
Azimuth	80° (E-plane)
Elevation	15° (H-plane)
(5) Environmental	Same as transponder
c. Receiver/Transmitter Assembly	
(1) Receiver frequency	5480 MHz
(2) Receiver sensitivity	-70 dBm
(3) Transmitter frequency	5570 MHz
(4) Transmitter power	400 watts, peak
(5) Transmitter pulse width	0.5 usec
(6) Transmitter PRF	875 pulse groups per second
(7) Operating temperature	-40°C to +60°C (-40°F to +140°F)
d. Omnidirectional Antenna	
(1) Frequency range	5400 to 5600 MHz
(2) Gain	6 dB, nominal
(3) Beam width, elevation	25 degrees, nominal
(4) Temperature range	-40°C to +60°C (-40°F to +140°F)
e. Range Console	
(1) Range	50 meters, minimum (55 yards, approximate) 20 nautical miles, maximum (37 kilometers, approximate)
(2) Range channels	2
(3) Code selection	(a) single pulse (b) pulse-coded - 4 codes available
(4) Operating temperature	0°C to +50°C (32°F to +122°F)

APPENDIX II.

TABULATION OF LAND BASED TESTS

STANDARD DEVIATION = S.D.

MEAN DIFFERENCE = MEAN

TRANSPONDER 1

RANGE	0 DEGS.			10 DEGS.			20 DEGS.			30 DEGS.			40 DEGS.			50 DEGS.		
	MEAN	S.D.		MEAN	S.D.		MEAN	S.D.		MEAN	S.D.		MEAN	S.D.		MEAN	S.D.	
4 KM	-1.2	0.8		-0.4	1.2		-0.4	1.4		-0.7	0.5		-1.3	0.5		-1.9	0.9	
6 KM	-1.1	1.3		-0.8	0.9		-1.3	0.7		-1.4	0.7		-1.8	0.6		-1.7	0.7	
7 KM	0.3	1.3		-0.4	1.0		-0.5	0.7		0.1	1.1		0.2	0.6		0.5	0.8	
9 KM	-	0.9		-	1.1		-	1.0		-	0.7		-	0.9		-1.7	1.2	
11 KM	6.5	0.6		6.6	1.0		6.4	1.6		7.2	1.8		7.7	1.7		10.6	1.4	
12 KM	8.2	0.6		7.8	0.8		8.5	0.7		9.3	1.3		9.2	1.8		10.0	1.9	

RANGE	60 DEGS.			70 DEGS.			80 DEGS.			90 DEGS.			100 DEGS.			110 DEGS.		
	MEAN	S.D.		MEAN	S.D.		MEAN	S.D.		MEAN	S.D.		MEAN	S.D.		MEAN	S.D.	
4 KM	-1.8	0.4		-1.6	0.5		-1.3	0.8		-1.4	0.8		-1.5	0.5		-1.7	0.8	
6 KM	-2.1	0.9		-2.1	1.0		-2.5	0.7		-2.3	0.7		-3.1	1.0		-2.0	1.9	
7 KM	-0.3	1.6		-0.9	0.7		-0.9	0.6		-0.6	1.2		0.0	0.8		0.0	1.4	
9 KM	-0.8	0.8		1.4	0.7		-0.4	1.3		-1.6	1.3		-0.5	1.2		0.4	1.3	
10 KM	10.7	1.6		10.5	1.8		12.0	1.8		13.5	1.6		0.5	0.5		0.4	1.4	
12 KM	10.0	1.4		10.8	1.2		10.5	1.4		12.0	0.9		0.5	0.0		0.4	0.8	

RANGE	120 DEGS.	130 DEGS.	140 DEGS.	150 DEGS.	160 DEGS.
	MEAN S.D.	MEAN S.D.	MEAN S.D.	MEAN S.D.	MEAN S.D.
4 KM	-2.8 0.8	-1.7 1.3	-2.1 2.2	-0.1 2.1	10.2 9.3
6 KM	-1.9 1.2	-1.1 1.4	4.1 4.4	2.5 3.7	***
7 KM	***	***	***	***	***
9 KM	***	***	***	***	***
15 KM	***	***	***	***	***
21 KM	***	***	***	***	***

TRANSPONDER 2

MEAN DIFFERENCE = MEAN

STANDARD DEVIATION = S.D.

RANGE	0 DEGS.	10 DEGS.	20 DEGS.	30 DEGS.	40 DEGS.	50 DEGS.
	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.
4 KM	-1.3	-1.4	-2.0	-1.9	-1.2	-1.1
6 KM	-1.4	-1.4	-1.7	-1.4	-1.4	-1.1
7 KM	1.0	0.8	0.6	1.2	2.1	1.1
9 KM	0.1	-0.6	0.6	0.3	0.3	1.1
15 KM	9.2	9.1	9.8	10.0	11.6	12.2
21 KM	10.1	10.1	10.5	11.7	12.5	12.8
	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.
	0.9	0.8	0.9	0.9	0.6	0.9
	0.7	0.8	0.8	0.7	0.8	1.0
	0.7	0.8	1.2	1.1	0.9	1.2
	1.0	0.7	2.1	1.1	1.1	1.0
	2.0	1.2	1.6	1.9	2.5	2.3
	1.4	1.0	1.3	1.2	0.8	1.5

RANGE	60 DEGS.	70 DEGS.	80 DEGS.	90 DEGS.	100 DEGS.	110 DEGS.
	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.
4 KM	-1.0	-1.0	-1.6	-0.4	-0.4	-0.1
6 KM	-0.6	-1.0	-0.8	-0.1	-0.4	0.2
7 KM	1.7	2.1	3.3	3.9	2.8	4.1
9 KM	1.6	2.0	1.5	2.5	2.3	3.0
15 KM	12.8	12.2	12.3	14.4	*****	*****
21 KM	13.2	13.4	13.8	13.7	*****	*****
	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.
	0.9	1.1	0.8	0.7	0.7	0.7
	0.7	0.8	0.8	0.7	0.8	0.8
	0.8	0.9	1.3	0.9	0.9	0.9
	1.0	0.8	1.3	1.2	1.6	1.1
	1.8	1.5	1.7	1.1	*****	*****
	0.8	0.8	1.3	1.3	*****	*****

RANGE	120 DEGS.	130 DEGS.	140 DEGS.	150 DEGS.	160 DEGS.
	MEAN	MEAN	MEAN	MEAN	MEAN
	S.D.	S.D.	S.D.	S.D.	S.D.
4 KM	0.4	2.1	3.6	7.3	4.4
6 KM	2.5	3.1	6.8	8.4	*****
7 KM	*****	*****	*****	*****	*****
9 KM	*****	*****	*****	*****	*****
15 KM	*****	*****	*****	*****	*****
21 KM	*****	*****	*****	*****	*****
	S.D.	S.D.	S.D.	S.D.	S.D.
	1.1	2.4	2.4	3.0	2.7
	2.4	1.7	2.7	2.6	*****
	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****

APPENDIX III.

TABULATION OF SEA BASED TESTS

FIX NO. 1 TRANSPONDER NO. 2 DEGREES FROM CENTRE 0

MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
11893.	*****	11888.0	*****	*****	5.0
11881.	11875.1	11874.9	-0.3	5.9	6.1
11875.	11868.6	11868.7	0.1	6.4	6.3
11869.	11862.8	11863.1	0.3	6.2	5.9
11861.	11856.1	11856.5	0.4	4.9	4.5
11849.	11843.4	11842.3	-1.1	5.6	6.7
11829.	11823.8	11823.7	-0.1	5.2	5.3
11823.	11817.9	11817.7	-0.2	5.1	5.3
11818.	11812.5	11812.1	-0.4	5.5	5.9
11812.	11807.1	11806.8	-0.3	4.9	5.2
MEAN 1 = -0.2 MEAN 2 = 5.5 MEAN 3 = 5.6					
S.D. 1 = 0.4 S.D. 2 = 0.6 S.D. 3 = 0.7					

FIX NO. 2 TRANSPONDER NO. 2 DEGREES FROM CENTRE 0

MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
11060.	11056.9	11057.0	0.1	3.1	3.0
11054.	11049.4	11048.9	-0.5	4.6	5.1
11049.	11044.3	11044.1	-0.2	4.7	4.9
11042.	11039.6	11039.5	-0.1	2.4	2.5
11040.	11036.7	11036.4	-0.3	3.3	3.6
11037.	11033.6	11033.2	-0.4	3.4	3.8
11032.	11029.9	11029.7	-0.2	2.1	2.3
11031.	11027.1	11026.8	-0.3	3.9	4.2
11018.	11016.7	11016.4	-0.3	1.3	1.6
11017.	11012.8	11012.3	-0.5	4.2	4.7
MEAN 1 = -0.3 MEAN 2 = 3.3 MEAN 3 = 3.6					
S.D. 1 = 0.2 S.D. 2 = 1.1 S.D. 3 = 1.2					

FIX NO. 3 TRANSPONDER NO. 2 DEGREES FROM CENTRE 0

MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
10036.	10032.9	10032.6	-0.3	3.1	3.4
10033.	10032.4	10032.3	-0.2	0.6	0.7
10032.	10031.6	10031.5	-0.1	0.4	0.5
10031.	10031.2	10031.3	0.1	-0.2	-0.3
10031.	10030.7	10030.6	-0.1	0.3	0.4
10032.	10030.0	10029.9	-0.1	2.0	2.1
10030.	10028.6	10028.5	-0.1	1.4	1.5
10030.	10028.8	10027.0	0.2	3.2	3.0
10028.	10025.9	10025.9	0.1	2.1	2.1
10027.	10025.0	10025.0	-0.0	2.0	2.0
MEAN 1 = -0.1			MEAN 2 = 1.5	MEAN 3 = 1.6	
S.D. 1 = 0.1			S.D. 2 = 1.2	S.D. 3 = 1.2	

FIX NO. 4 TRANSPONDER NO. 2 DEGREES FROM CENTRE 0

MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
9111.	9110.8	*****	*****	0.2	*****
9111.	9109.7	9109.6	-0.1	1.3	1.4
9110.	9108.7	9108.7	-0.0	1.3	1.3
9106.	9107.5	9107.5	-0.0	-1.5	-1.5
9106.	9106.1	9106.0	-0.1	-0.1	0.0
9105.	9104.9	9104.9	-0.1	0.1	0.1
9104.	9103.2	9103.1	-0.0	0.8	0.9
9102.	9101.8	9101.7	-0.0	0.2	0.3
9100.	9100.3	9100.3	0.0	-0.3	-0.3
9097.	9098.9	9098.8	-0.0	-1.9	-1.8
MEAN 1 = -0.0			MEAN 2 = 0.0	MEAN 3 = 0.0	
S.D. 1 = 0.0			S.D. 2 = 1.1	S.D. 3 = 1.1	

FIX NO. 5 TRANSPONDER NO. 2 DEGREES FROM CENTRE 0

MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
8005.	8004.5	8004.0	-0.5	0.5	1.0
8001.	8000.0	8000.2	0.1	1.0	0.8
7996.	7995.8	7995.9	0.1	0.2	0.1
7995.	7992.5	7992.4	-0.2	2.5	2.6
7977.	7979.3	7978.9	-0.4	-2.3	-1.9
7976.	7973.3	7974.1	0.8	2.7	1.9
7969.	7967.5	7967.2	-0.3	1.5	1.8
7961.	7960.4	7960.6	0.2	0.6	0.4
7952.	7952.5	7952.6	0.1	-0.5	-0.6
7946.	7946.2	7946.2	-0.1	-0.2	-0.2
			MEAN 1 = -0.0	MEAN 2 = 0.6	MEAN 3 = 0.6
			S.D. 1 = 0.4	S.D. 2 = 1.5	S.D. 3 = 1.3

FIX NO. 6 TRANSPONDER NO. 2 DEGREES FROM CENTRE 0

MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
6935.	6933.7	6935.8	2.1	1.3	-0.8
6921.	6922.6	6923.2	0.6	-1.6	-2.2
6913.	6911.9	6913.4	1.5	1.1	-0.4
6905.	6904.7	6905.2	0.6	0.3	-0.2
6896.	6896.4	6897.0	0.5	-0.4	-1.0
6886.	6887.0	6886.7	-0.3	-1.0	-0.7
6877.	6878.2	6878.4	0.2	-1.2	-1.4
6871.	6870.5	6871.9	1.4	0.5	-0.9
6856.	6857.1	6857.4	0.3	-1.1	-1.4
			MEAN 1 = 0.8	MEAN 2 = -0.2	MEAN 3 = -1.0
			S.D. 1 = 0.8	S.D. 2 = 1.1	S.D. 3 = 0.6

FIX NO. 7	TRANSPONDER NO. 2	DEGREES FROM CENTRE 0			
MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
6016.	6018.7	6017.9	-0.7	-2.7	-1.9
6010.	6010.0	6010.7	0.7	0.0	-0.7
6000.	5999.1	5999.3	0.1	0.9	0.7
5991.	5992.7	5993.3	0.6	-1.7	-2.3
5986.	5985.6	5986.2	0.5	0.4	-0.2
5971.	5974.0	5975.4	1.4	-3.0	-4.4
5966.	5965.7	5967.3	1.6	0.3	-1.3
5956.	5956.7	5958.7	2.0	-0.7	-2.7
5949.	5949.5	5950.1	0.7	-0.5	-1.1
			MEAN 1 = 0.8	MEAN 2 = -0.8	MEAN 3 = -1.6
			S.D. 1 = 0.8	S.D. 2 = 1.4	S.D. 3 = 1.5

FIX NO. 8	TRANSPONDER NO. 2	DEGREES FROM CENTRE 0			
MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
5099.	5098.6	5096.9	-1.8	0.4	2.1
5082.	5084.6	*****	*****	-2.6	*****
5075.	5076.8	*****	*****	-1.8	*****
5068.	5067.7	5070.6	3.0	0.3	-2.6
5061.	5061.4	5062.8	1.4	-0.4	-1.8
5055.	5054.2	5058.0	3.8	0.8	-3.0
5046.	5047.4	*****	*****	-1.4	*****
5028.	5029.6	5031.2	1.5	-1.6	-3.2
5021.	5020.5	5022.6	2.0	0.5	-1.6
			MEAN 1 = 1.1	MEAN 2 = -0.7	MEAN 3 = -1.7
			S.D. 1 = 1.7	S.D. 2 = 1.2	S.D. 3 = 2.0

FIX NO. 9	TRANSPONDER NO. 2	DEGREES FROM CENTRE 0				
MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER	
4097.	4097.6	*****	*****	-0.6	*****	
4086.	4086.4	*****	*****	-0.4	*****	
4053.	4055.6	4056.4	0.8	-2.6	-3.4	
4048.	4049.2	4050.6	1.4	-1.2	-2.6	
4036.	4042.0	4041.2	-0.8	-6.0	-5.2	
4020.	4025.1	*****	*****	-5.1	*****	
4006.	4010.3	*****	*****	-4.3	*****	
3998.	3999.3	*****	*****	-1.3	*****	
3970.	3971.2	*****	*****	-1.2	*****	
3938.	3935.2	*****	*****	2.8	*****	
		MEAN 1 =	0.1	MEAN 2 =	-3.7	
		S.D. 1 =	0.6	S.D. 2 =	1.3	

FIX NO. 10	TRANSPONDER NO. 2	DEGREES FROM CENTRE 0				
MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER	
3013.	3015.9	3016.6	0.7	-2.9	-3.6	
3000.	2997.8	2999.9	2.1	2.2	0.1	
2984.	2981.0	2984.0	3.0	3.0	-0.0	
2966.	2958.2	*****	*****	7.8	*****	
2883.	2885.6	2887.9	2.4	-2.6	-4.9	
		MEAN 1 =	1.6	MEAN 2 =	-2.1	
		S.D. 1 =	1.2	S.D. 2 =	2.6	

FIX NO. 11	TRANSPONDER NO. 2	DEGREES FROM CENTRE 0			
MINI-RANGER READING	INTERSECT DIST. 1 CLOVER-ALBERT	INTERSECT DIST. 2 ALBERT-WILLIAM	DIFFERENCE 1 (DIST.2)-(DIST.1)	DIFFERENCE 2 LAUNCH-CLOVER	DIFFERENCE 3 LAUNCH-CLOVER
1960.	1960.7	1963.7	3.0	-0.7	-3.7
1947.	1947.5	1954.1	6.7	-0.5	-7.1
1935.	1936.1	1943.8	7.7	-1.1	-8.8
1921.	1919.4	1927.8	8.4	1.6	-6.8
1861.	1863.6	1871.9	8.3	-2.6	-10.9
1829.	1830.5	*****	*****	-1.5	*****
1806.	1806.7	1813.9	7.1	-0.7	-7.9
1761.	1760.1	1768.5	8.4	0.9	-7.5
1742.	1741.3	1744.3	3.0	0.7	-2.3
			MEAN 1 = 5.8	MEAN 2 = -0.4	MEAN 3 = -6.9
			S.D. 1 = 3.1	S.D. 2 = 1.3	S.D. 3 = 2.7

